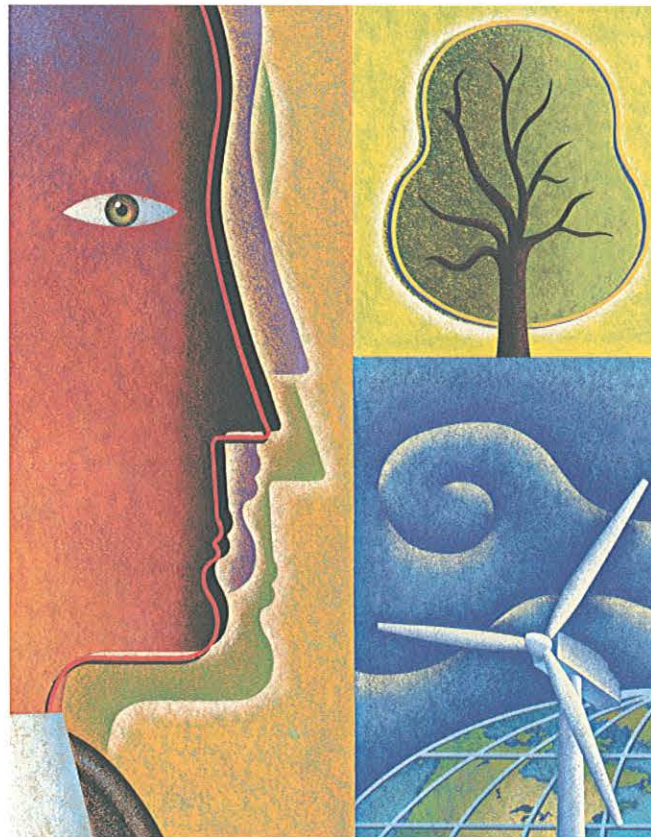




**Addendum to the Remedial Action Report (RAR)  
Source Reduction**

Dayco Corporation/L.E. Carpenter Superfund Site  
Borough of Wharton, Morris County, New Jersey  
USEPA ID No. NJD002168748

**July 2010**





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**July 2010**

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# Introduction

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On behalf of L.E. Carpenter & Company (LEC), RMT, Inc. (RMT) is presenting this Addendum to the United States Environmental Protection Agency (USEPA) and New Jersey Department of Environmental Protection (NJDEP) approved Remedial Action Report (RMT, 2005) (herein the “RAR Addendum”) memorializing implementation of the USEPA approved MW19HS1 remedial action outlined in the report entitled *Addendum to the Remedial Action Work Plan for Source Reduction* (RMT, September 2009) (herein the “RA Work Plan Addendum”), and response to regulatory comments on the RA Work Plan Addendum dated December 21, 2009 (“RA Work Plan Addendum Response Document”).

The contents of this document follow the general requirements outlined in N.J.A.C. 7:26E-6.7, and the USEPA guidance document entitled *Remedial Action Report - Documentation for Operable Unit Completion* (OSWER Directive 9355.0-39FS). Specifically, this RAR Addendum provides 1) a summary of site history and background, 2) a chronology of events, 3) a discussion of the various areas of environmental concern (AOCs), 4) a discussion of construction related permits, approvals and certifications, 5) details regarding construction site preparations and layout, 6) MW19HS1 specific remedial actions, cleanup objectives, and performance criteria, 7) construction quality assurance, and health and safety, 8) waste management, 9) site restoration, 10) remedial costs, and 11) summaries of proposed post remedial action groundwater monitoring activities.

# Section 1

## Physical Setting and Background

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Outlined below is a summary of the site physical setting and operational history. A more comprehensive summary of these topics is presented in the Remedial Action Report (RAR) Source Reduction (RMT, 2005).

### 1.1 Site Location

The Dayco Corporation/L.E. Carpenter Superfund Site (herein the “Site”) is located at 170 North Main Street, in the Borough of Wharton, Morris County, New Jersey (Figure 1). The Site comprises Block 301, Lot 1 and Block 801, Lot 3 on the tax map of the Borough of Wharton, and occupies 14.6 acres of vacant land in a mixed-use industrial, commercial, and residential area. The Site is bordered to the south by the Rockaway River; by a vacant lot (Wharton Enterprises) to the east-southeast; and by a former compressed gas facility (Air Products) to the northeast. A residential/commercial area borders the site to the northwest (Ross Street) and North Main Street borders the site to the west. A drainage ditch is located between the Air Products property and the Site. A pedestrian foot trail (rails-to-trails area), constructed along the former railroad right-of-way, bisects the Site from north to south. During active LEC operations, the Site consisted of several buildings and structures, some of which were partially demolished during the early 1990’s as part of site decommissioning activities. Buildings 8, 15, 16, and 17, located to the west of the rails-to-trails area, remain. Figure 2 is a map of the general Site plan that depicts individual buildings present at the Site and other pertinent Site features.

### 1.2 Site Operational History

As outlined below, historical Site operations have been subdivided into two categories (1) mining and forging, and (2) vinyl wall covering manufacturing.

#### 1.2.1 Mining and Forging Operations

Morris County and the Wharton area has been an iron mining district since the early 1700’s. The earliest known use of the Site was as an iron forge, termed the “Washington Forge.” The Washington Forge was built in about 1795 and probably used iron ore from deposits in and around the Wharton area. Economically viable iron deposits were discovered at the Site, subsequently Site operations changed from forging to underground iron mining. According to a New Jersey Department of Labor publication (NJDOLE, 1989), the Washington Forge Mine and West Mount Pleasant Mine are located “in the LEC lot.” The NJDOLE report states that the Washington Forge Mine opened in

1868 with the construction of two inclined shafts 20 feet apart on the grounds of the old forge.

The mine was worked until 1875 when it was closed because of the difficulty in handling groundwater seepage into the mine (Bayley, 1910). The mine reportedly opened again in 1879 after a drainage tunnel to the Orchard mine was completed. The Orchard mine was located south across the Rockaway River from the LEC site. The Washington Forge mine was permanently abandoned in 1881. The West Mt. Pleasant Mine connects with the Washington Forge Mine with an inclined access shaft located about 170 feet northeast of the southern-most Washington Forge mineshaft. The iron forge and mining history above shows that transportation of iron ores from various locations in Morris County onto the LEC property occurred over a period of at least 86 years (1795–1881). Much of the fill materials found on-site was derived from these iron mining operations.

### 1.2.2 Vinyl Wall Covering Manufacturing

The LEC facility was involved in the production of vinyl wall coverings from 1943 to 1987. The making of vinyl wall coverings involves several manufacturing processes that were carried out in the various buildings comprising the Site. The first step in the process is referred to as lamination. Lamination involves the bonding of fabric to the vinyl film using a plastisol adhesive in conjunction with heat and pressure. The fabric/film laminate is then coated with a plastisol compound in order to texturize the material in preparation for printing. The printing process involves the application of decorative print patterns and/or protective topcoat finishes. When printing is completed, the product is inspected and packaged for shipment to the consumer.

The manufacturing process involved the generation of liquid waste solvents including xylene and methyl ethyl ketone, waste pigments, and the generation of condensate from fume condensers. Additionally, airborne particulate matter was collected via a dust collector. Non-contact cooling water was discharged into the Rockaway River under a New Jersey Pollution Discharge Elimination System Permit. From 1963 until 1970 LEC disposed of its wastes, including a polyvinyl chloride (PVC) waste material into an unlined on-site impoundment. The facility was originally heated by coal, and later converted to #6 fuel oil.

Former vinyl manufacturing operations west of the rails-to-trails area, including raw material storage, drum storage and printing, occurred in the former Building 9. The lamination process was performed in Building 8, located directly to the east of Building 9.



Active manufacturing of vinyl wall coverings ceased at the site in 1987. Since that time the portion of the Site east of the pedestrian trail (former railroad crossing) has been inactive except for remedial, investigative, and monitoring related activities. Access is currently restricted to the area east of the pedestrian trail by a locked gate and an 8-foot high chain-link fence. Some of the buildings west of the pedestrian trail have been subleased as commercial or retail space.

## Section 2

# MW19HS1 Chronology of Events

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In accordance with the USEPA guidance document entitled *Remedial Action Report - Documentation for Operable Unit Completion*" (OSWER Directive 9355.0-39FS), a chronology of events specific to the preparation, permitting and implementation of the MW19HS1 remedial action is provided in Appendix A.

## Section 3

# AOCs, COCs and Performance Standards

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As outlined in Section 2 of the RA Work Plan Addendum, the USEPA assumed the role of lead regulatory agency in August 2009, with the implementation of a new Unilateral Administrative Order (UAO) and associated Scope of Work (SOW) for the Site. Section IA of the SOW outlines the three (3) remaining Areas of Concern (AOCs) at the site. The MW-30 and MW19HS1 AOCs contain residual source soils at concentrations above applicable soil cleanup criteria that act as continuing sources of shallow groundwater contamination. The third AOC is site wide shallow groundwater impacted above applicable groundwater quality criteria. The following section outlines the MW19HS1 AOC, remedied through the implementation of the remedial action memorialized in this RAR Addendum.

### 3.1 MW19HS1 AOC

The MW19HS1 AOC, located at the northwest corner of the site (Figure 2), has been under investigation, remediation, and monitoring since impact was discovered following the removal of two underground storage tanks (USTs) in 1990. An NJDEP Notice of Deficiency (NOD) dated June 20, 2007 following review of the May 2006 Soil Gas Investigation suggested the presence of a "...residual long term source of dissolved BTEX contamination", and required the development and submittal of a Remedial Action Selection Report (RASR). In accordance with the submittal extension granted by NJDEP, a RASR was submitted for review in September 2007. An NJDEP NOD dated October 16, 2008 generally agreed with the remedial approach outlined in the RASR but required the submittal of a Remedial Investigation Workplan (RIW) as the full vertical and lateral extent of contamination in this AOC was not yet understood. A RIW proposing further delineation was prepared and submitted for review in November 2008.

No formal comments on the November 2008 RIW were received. However; conversations with USEPA suggested combining the remedial investigation outlined in the RIW and remediation outlined in the RASR into one mobilization. RMT, on behalf of LEC, submitted a Letter of Intent (LOI) dated January 5, 2009 concurring with this approach. As outlined in the 2009 LOI and this RAR Addendum, the MW19HS1 area soil remedy was excavation and restoration, in compliance with the 1994 Record of Decision (ROD) and 2007 Explanation of Significant Difference (ESD) document. *In-situ* chemical oxidation (polishing) was an additional remedial step originally proposed in the RASR, but was withdrawn from consideration as this would have required an Amendment to the 1994 ROD.



### 3.2 MW19HS1 COCs and Performance Standards

MW19HS1 Contaminants of Concern (COCs) and their associated media are:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX): Soil and Groundwater
- Bis (2-ethylhexyl) phthalate (DEHP): Soil and Groundwater
- Lead: Groundwater

Quarterly site wide groundwater and surface water monitoring for COCs and natural attenuation (NA) parameters is ongoing. COCs within the MW19HS1 area are limited to on-site areas, and data continues to show that intrinsic bioremediation processes are strong and actively working to break down COCs related to residual soil contamination. Figure 3 shows the pre-remedial nature and extent of MW19HS1 COCs.

As required by Section II of the SOW, all remedial work planning and action conducted at the site will be performed in compliance with current regulations and performance standards, cleanup objectives, and applicable and relevant and appropriate requirements (ARARs) set forth in the 1994 ROD and 2007 ESD.

MW19HS1 AOC performance standards are as follows:

- Soil: N.J.A.C 7:26D, Appendix I, Table 1B, Non Residential Direct Contact Soil Health Based Criteria and Soil Remediation Standards
- Groundwater: N.J.A.C. 7:9C-1.7(c) and (d), Appendix Table 1, Class II A Groundwater Quality Criteria

## Section 4

# Construction Permits, Approvals, and Certifications

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### 4.1 Roles and Responsibilities

A comprehensive list of project contacts along with their roles and responsibilities is presented in Table 1.

### 4.2 Preconstruction Permitting

In accordance with N.J.A.C. 7:26E-6.2(a)(8) and N.J.A.C. 7:26E-7.1, LEC identified the applicable plans, permits, authorizations and certifications required to implement the source reduction strategy proposed in the RA Work Plan. All plans, permits, authorizations and certifications required to implement the remedial action were applied for and secured during the period between October 2009 and January 2010. Table 2 outlines the plans, permits, authorizations and certifications applied for and received to implement the MW19HS1 remediation proposed in the RA Work Plan Addendum and documented in this RAR Addendum. Table 2 also outlines other permits identified and researched but not applicable to the MW19HS1 remediation. Copies of all authorizations, permits, and certifications are presented in Appendix B.

## Section 5

# Construction Site Preparation and Layout

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Successful execution of the remedial design outlined in the RA Work Plan Addendum required the completion of numerous site preparation tasks prior the initiation of soil excavation activities. All tasks performed in preparation for construction (*i.e.*, security measures, silt fence, and temporary stone construction tracking pads), and the general site layout prior to and during construction are shown on Figure 4.

### 5.1 Monitoring Well Abandonment

Prior to initiation of remedial activities, numerous monitoring wells were abandoned in accordance with N.J.A.C. 7:9D-3.1(g)(2). These wells were abandoned because they were located in or near the estimated extent of excavation. Eichelberger Inc., under the supervision of RMT, abandoned all monitoring wells from October 13 to October 15, 2009. These activities and associated well abandonment forms were documented in the report entitled *Quarterly Monitoring Report – 4<sup>th</sup> Quarter 2009* (RMT, February 2010).

### 5.2 Structure Removal

Prior to MW19HS1 remediation, Building 9, as shown on Figures 2 and 5, was demolished, with metals salvaged and debris crushed onsite for potential re-use as backfill as part of the remediation effort. Building 9 demolition activities were completed in December 2009. As part of the planned transition into the remedial scope of work, the first floor concrete slab, foundation walls, and building footers were left in place. These structures were removed, as necessary, as part of the remedial scope of work to facilitate MW19HS1 AOC soil excavation. The demolition phase of the project was not part of the SOW and is not discussed in detail within this RAR Addendum. It is mentioned only as a prerequisite scope to facilitate efficient MW19HS1 AOC excavation.

### 5.3 Site Security

Following well abandonment and demolition of Building 9 and prior to remedial construction, site security measures were implemented as outlined on Figure 4 and as described below.

#### 5.3.1 Fencing and Gates

Access to the site was restricted to authorized persons and vehicles by utilizing the existing fencing to the maximum extent possible. Additional fencing was installed



during the Building 9 demolition work to maintain security throughout the demolition and excavation process.

- Fencing adjacent to North Main Street was extended southeast along North Main Street and joined to the Southwest corner of Building 8 to create a secured southern site boundary.
- Two (2) existing lockable gates located on Ross Street were utilized during construction to maintain controlled access to the site.
- One (1) lockable gate located between Ross Street and the Northwest corner of Building 8 was installed to maintain controlled access between the main construction area and the Building 8 paved parking lot.
- One (1) lockable gate located on the East end of the Building 8 paved parking lot was installed to maintain controlled access between the parking lot and the rails-to-trails.
- Repairs to the existing perimeter fence around the excavated stockpile area (Northeast of the Building 8 parking lot) were made to maintain site security in this area.
- Temporary fencing was installed along Ross Street adjacent to the proposed excavation limits where original parameter fencing required removal for excavation and construction equipment clearance. Temporary fencing was removed and permanent fencing was re-installed at the conclusion of remedial activities.

### 5.3.2 Signs

Informational and warning signs (numerically identified and described in the following paragraph with location shown on Figure 4) were posted as follows:

**Signs Nos. 1a and 2a** - Signs at both Ross Street entrances were placed on the fence facing the entering traffic that identified the project by name, USEPA ID code, and informational telephone contact.

**Signs Nos. 1b and 2b** - Signs at both Ross Street entrances were posted on the fence indicating that the area is an environmental remediation area, that the area is restricted to authorized personnel, and that all visitors must sign in. The RMT Project Representative Telephone number was also posted on these signs.

**Sign No. 3a and 3b** - Signs were placed at the eastern Ross Street entrance and in area visible from Main Street along the southern fence, establishing the fenced area as a Health and Safety exclusion zone. The signs identified the zone as a hard hat area, and that all persons entering that portion of the site will require suitable OSHA health and

safety training, and must report to the health and safety officer. The Site Health and Safety Plan is presented in Appendix C.

**Sign No. 4** – A sign was placed at the Ross Street gate for traffic exiting the construction zone noting that all vehicles must be decontaminated prior to leaving the area.

### 5.3.3 Security Log

A security log was maintained during remedial construction activities. The log included the date, name, company, and time in and time out of visitors entering the site. A copy of the LEC site security log is presented in Appendix D.

### 5.3.4 Traffic Routing

Figure 4 illustrates the general plan for routing traffic within the construction zone as well as paths onto and off of the site during remedial construction. With the installation of the security fencing and gate improvements, all entering and exiting vehicles were routed onto Ross Street. Due to the area constraints within the main excavation area, routing within the construction area required trucks to back into the work area from the Building 8 parking lot for loading and transporting remaining Building 9 demolition debris and excavated soil. Trucks scheduled for off-site disposal were backed into the excavated stockpile area on the installed tracking pad. The additional tracking pad installed in the stockpile storage area allowed off-site transportation trucks to be loaded and decontaminated prior to off-site transport. All personal vehicles and vehicles not directly involved with soil handling, transport or testing were prohibited from entry into the construction work area.

## 5.4 Work Area Delineation and Control

Prior to initiating excavation operations, the Maximum Limits of the planned excavation (limits of construction) were staked and flagged. An excavation working grid was staked on a 10-foot interval. Grid locations, limits of construction, and other pertinent site features were uploaded onto a hand held Trimble Global Positioning System (GPS) unit to facilitate excavation progress and location tracking, and to aid in location of future confirmatory samples. Survey baselines and elevations were also established at strategic points to allow for easy monitoring of excavation depths.

## 5.5 Soil Erosion and Sedimentation Control

A Soil Erosion and Sediment Control Plan (SESCP) pursuant to the requirements outlined in N.J. Soil Erosion and Sedimentation Control Act, Chapter 251, P.L. 1975 was submitted to the

Morris County Soil Conservation District (MCSCD) in December 2009 and approved on January 7, 2010. A Request for Authorization (RFA) (NPDES General Permit NJG0176681) for Stormwater associated with Construction Activity was received on January 14, 2010. In accordance with Morris County Soil Conservation District approval requirements, the SESCO was available for on-site inspection throughout the MW19HS1 remediation construction period.

Prior to initiation of earthwork activities, temporary erosion control measures were installed at locations shown on Figure 4. Erosion control measures utilized include:

- Silt fencing was installed along the western and southern limit of disturbance boundary of the MW19HS1 site down slope of the excavation. Silt fencing was also installed around the perimeter of the stockpile area northwest of the Building 8 parking lot.
- Hay bales were utilized to control potential surface water runoff in areas where installation of silt fence could not be accomplished due to asphalt or concrete surfaces.
- Surface water inlet structures identified within the construction zone were protected by installing inlet filters.
- All stockpiles were properly managed to ensure that run-off did not transport stockpiled material or contamination off-site. Methods utilized included covering stockpiles with plastic to control potential run-off during rain events.
- To prevent the tracking of contaminated mud and sediment from the site onto nearby area roadways via vehicular traffic, decontamination tracking pads were installed at the locations shown on Figure 4. Tracking pads were constructed out of clean imported 2.5-inch coarse aggregate at a minimum thickness of 6 inches.

Figure 7 presents the construction details regarding the stone tracking pad, chain link fence, and sediment control (silt) fence.

## 5.6 Clearing, Grubbing, and Tree Removal

The final step in preparing the site for remediation was clearing and grubbing the areas proposed for use to facilitate production (*i.e.*, material stockpiling areas). The primary areas cleared and grubbed included the triangular area located west of the rails-to-trails (north of the Building 8 parking lot) used for stockpiling excavation soils, and along fence lines where decontamination tracking pads were installed. The limited amount of vegetative materials generated from clearing and grubbing activities were disposed of with general construction waste.

Due to excavation interference and equipment clearance concerns, two large trees were removed on the south side of Ross Street adjacent to the proposed excavation. The western-most tree that was removed showed no signs of life during the past growing season, and the root structure of the other tree, due to its location to the proposed excavation, would have been significantly compromised and was not expected to survive the trauma and/or may have become unstable during high wind situations. Approval to remove the trees was granted by the Borough of Wharton (Appendix B).

## Section 6

# MW19HS1 AOC Excavation and Confirmation Sampling

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This section of the RAR Addendum discusses the on-site remedial operation areas and equipment, and presents details regarding general excavation sequencing and limitations. As outlined in the chronology of events (Appendix A), the MW19HS1 remedial action was initiated on January 11, 2010 at the preconstruction meeting attended by LEC and Dallas Contracting. Implementation of the MW19HS1 remedial action lasted a total of 5 months (January to May 2010). The active remedial phases were completed over a 3 month period (January to March 2010), and waste management (e.g., soil load-out) and site restorative activities (e.g., final grading, topsoil placement, hydroseeding) were completed during the months of April and May 2010. Details regarding site restoration are discussed in Section 10. A comprehensive photographic summary of the MW19HS1 remedial action is presented on the CD ROM located in Appendix E.

### 6.1 Equipment, Staging Areas and Operations

Figure 4 shows the location of various staging and operations areas developed to implement the MW19HS1 remedial action. Temporary facilities were established before the earthwork activities began. These facilities included a construction management office and sanitary facilities (utilized existing space and facilities in Building 15) and equipment decontamination tracking pads.

The soils management area was established in the triangular area located directly north of the Building 8 asphalt parking lot. The soils management area contained stockpiles of excavated waste soil, excavated sub-slab fill, and screened rock. Silt fencing was installed around the down-slope perimeter of the soils management area to prevent sediment from leaving the area and reaching the small wetland area to the northwest. Equipment decontamination tracking pads were located inside the soil management area and west of the Building 8 asphalt parking area between the main remediation limits of construction and the asphalt parking area. The decontamination tracking pads consisted of 2-1/2-inch compacted coarse aggregate approximate 6-inch to 12-inch thick, approximately 18 feet wide and lengths from 90 feet to 120 feet.

Other features including truck routing plans, site security and erosion control methods as discussed in Section 6 were established before the earthwork activities began.

A variety of heavy equipment was utilized to implement the MW19HS1 remedial action. This equipment was maintained on-site and consisted of the following:

EQUIPMENT DESCRIPTION	MODEL
Articulated Dump Truck	John Deere 250C
Excavator(s)	Komatsu PC300LC and PC400LC
Skid Steer	CAT 236
Loader	CAT 966
Roller (site restoration only)	BOMAG D5407
Dozer (site restoration only)	CAT D3B

## 6.2 Building 9 Infrastructure Removal and Sampling

This section describes the removal and testing of remaining Building 9 infrastructure (e.g. concrete floor slab, walls, footers, and sub-slab fill material). As indicated in Section 6.2, the demolition phase of the project was not part of the SOW, and therefore it is not discussed in detail within this RAR Addendum. However, all Building 9 infrastructure below the first floor level including the first floor concrete slab, exterior and interior concrete foundation walls, concrete footers, and the basement level concrete slab remained in place until commencing the MW19HS1 remedial actions to avoid exposing contaminated soil or other potential wastes. As outlined in the RA Work Plan Addendum, cleaned crushed Building 9 concrete was scheduled to be reused as backfill within the remedial excavation and adjacent basement; however, sampling of all demolition related material including the crushed demolition debris, crushed concrete from the floor slab and foundation walls, and sub-slab fill indicated that the material was unsuitable for onsite beneficial reuse.

### 6.2.1 Crushed Building 9 Demolition Debris

Approximately 6,082 tons of crushed Building 9 demolition debris containing a mix of concrete, brick, and cinder block was generated as part of the Building 9 demolition work phase. Analytical results collected from the demolition debris stockpile indicated that this material was not suitable for onsite beneficial reuse as backfill. This material currently remains stockpiled and covered with poly sheeting on site east of the rails-to-trails for further evaluation and appropriate management. All laboratory analytical reports are included in Appendix F.

### 6.2.2 Building 9 Floor Slab

The 6-inch thick (approx.) first floor concrete slab was initially cut along the proposed outer limits of construction. Slab material outside of the proposed limits of construction was removed first and transported to the crushing area located east of the rails-to-trails for crushing. Slab material directly above the planned limits of construction over the

western portion of the Building 9 footprint was then removed immediately before beginning the remedial excavation.

All concrete floor slab material was transported, stockpiled, and subsequently crushed onsite for planned onsite beneficial reuse as excavation backfill. Slab material above and outside of the proposed limits of construction did not contain any visible staining or exhibit any indication of contamination, however material removed from within the footprint of the planned excavation was segregated from other removed Building 9 concrete material pending sample collection. Per analytical results of samples collected from crushed concrete material originating from the removed exterior walls and footers described below in Section 7.2.3, crushed slab material was considered not suitable for onsite beneficial reuse as backfill. , This material currently remains stockpiled and covered with poly sheeting on site east of the rails-to-trails for further evaluation and appropriate management.

### 6.2.3 Exterior Walls and Footers

Building 9 exterior walls and footers were removed and transported to the crushing area located west of the rails-to-trails for crushing. Similar to procedures followed for removing the concrete floor slab, concrete wall and footer material outside of the proposed limits of construction were removed first, while foundation walls and footers in the western portion of the Building 9 footprint within the planned limits of construction were left in place and removed during the excavation phase of work. No foundation wall or footer material contained any visible staining or exhibited any indication of contamination, however material removed from within the footprint of the planned excavation was initially segregated pending sample collection. Per the sampling results for material collected from crushed concrete material originating from the removed exterior walls and footers, the crushed concrete material was considered not suitable for onsite beneficial reuse as backfill. This material currently remains stockpiled and covered with poly sheeting on site east of the rails-to-trails for further evaluation and appropriate management.

### 6.2.4 Sub-Slab Fill

Light brown sand and black sand/slag sub-slab fill material was present within the Building 9 footprint below the concrete slab. Figure 5 shows the locations and approximate depths of each type of sub-slab fill identified. Prior to removal, sub-slab fill was sampled in place for potential reuse as backfill per requirements outlined in the NJDEP document *"Guidance for Characterization of Concrete and Clean Material Certification for Recycling"* (Updated February 18, 2009).



Sub-slab fill sampling results indicated that this material was not suitable for onsite beneficial reuse as backfill. All sub-slab fill material was managed onsite (e.g., stockpiled and covered with poly sheeting) prior to off-site disposal during waste management load out activities discussed in Section 9 of this RAR Addendum.

## 6.3 Contaminants Encountered

### 6.3.1 Process Waste

Multi-colored process waste materials, similar to that seen during the source reduction work completed in 2004, were encountered immediately below the concrete slab in the location shown on Figure 5. As discussed in the RA Work Plan Addendum, this 10 foot by 40 foot area in the northwestern corner of Building 9 adjacent to the concrete loading dock contained two former trench drains (Drain #1 and Drain #2) and associated connection piping (Ref. Figure 3). Drain #1 is located close to the western wall of Building 9 and formerly connected the drain system to the two exterior USTs. Drain #1 connection piping to the USTs was removed and the Drain #1 discharge hole was sealed with concrete grout during tank removal operations in 1990/1991.

The presence of the process waste was readily recognizable as it was large solidified pieces with distinct multi-colored layers. As such these materials were visually excavated and segregated from the surrounding soils. All process waste excavated was placed into 55 gallon drums and staged east of the rail-to-trails pending appropriate sampling and off-site disposal.

A total of three (3) 55-gallon drums of process waste were generated. One (1) grab sample (WPS-19HS1-10-1) was collected from the managed process waste to determine waste characteristics. The sample was analyzed for total and Toxicity Characteristic Leaching Procedure (TCLP) metals, PCBs, total and TCLP semi-volatiles, total and TCLP volatiles, and other parameters required for off-site disposal approval. The laboratory analytical report is included in Appendix E. Following approval, the process waste drums were loaded into a licensed truck and hauled to a licensed hazardous waste disposal facility.

In addition to the multi-colored process waste initially encountered, other process-like materials were encountered at various depths of the excavation as depicted in the cross section on Figure 5. Solid green colored chunks of waste were encountered approximately 6 feet below the top of concrete slab (approximately 3 feet below adjacent ground elevation) within the same 10 foot by 40 foot area below the former trench drains and adjacent loading dock area to the north. This material was excavated, segregated,

and placed in the same drums containing the multi-colored process waste for off-site disposal.

Saturated process waste-like material was encountered at the water table elevation approximately 7 to 8 feet below ground elevation within the same 10 foot by 40 foot area. This material was light green in color and displayed string like physical characteristics. This material was excavated, segregated, and placed in the same drums containing the multi-colored process waste for off-site disposal.

### 6.3.2 Asbestos Containing Material (ACM) Pipe

Approximately 125 linear feet (LF) of 36 inch diameter Asbestos Containing Material (ACM) asbestos-cement pipe was encountered approximately 3 feet below the top of concrete slab in the location depicted on Figure 5 during removal of the exterior concrete foundation wall and sub-slab fill material.

Beacon Industrial Services (Trenton, NJ) managed the approval and removal process. Emergency notification was made to the New Jersey Department of Labor requesting approval to proceed with removal and disposal in order to continue with remedial scope of work. Following approval, all ACM pipe material was carefully excavated, packaged, and disposed by a New Jersey licensed asbestos contractor, Lilich Corporation (NJ License No. 00528). Documentation of ACM pipe removal is included in Appendix G of this RAR Addendum.

## 6.4 AOC Soil Excavation

Proposed and actual excavation limits are displayed on Figures 5 and 6; Figure 5 contains a work area grid, used to define approximate positions of excavation limits and sample collection locations during the excavation activities. Excavation was completed to a depth where the visible water table was encountered at approximately 7 feet below the ground elevation (628 ft elevation). As proposed in the RA Work Plan Addendum, soil excavation in the MW19HS1 area began near the southeast limit of the proposed excavation limit (grid location 25S-0W; see Figure 5 for grid details) and first progressed west exposing the entire south excavation sidewall to a point where field screening methods [e.g. visual observations and photoionization detector (PID) readings] in the southwest corner indicated residual source area material had been effectively removed. Excavation then proceeded north removing all material between the 0W grid line and the western extent (approximately following a line between 9S-65W and 25N-48W) focusing on exposing the west sidewall to a point where field screening methods indicated residual source material had been removed. Excavation then proceeded east from the northwest corner at approximately 25N-48W exposing the north excavation wall to a point

where field screening methods indicated residual source material had been removed. Though field screening method showed no detections along the current east sidewall just below the existing concrete basement floor slab, approximately 5 feet of slab was removed to ensure the eastern extent of contamination had been removed.

All soils excavated were loaded into an articulated dump truck and hauled to the stockpile staging area located north of the Building 8 parking lot. Large boulders were later segregated out and stockpiled east of the rails-to-trails for future onsite use.

Figure 6 illustrates that the limits of construction barely extended past the site fence located to the northwest of the construction area, limiting the amount of fence removed and potential conflicts with working in close proximity to Ross Street. As discussed in Section 6.3 of this RAR Addendum, temporary fencing was installed in this area to provide the necessary excavation sloping and clearance for construction equipment.

Since the majority of material excavated for sloping consisted of sub-slab fill type material, only a small amount of potential clean material was generated as part of the sidewall sloping. As the necessary confirmation sampling analyses were expected to cost more than the value of this material if it were to be used as backfill, confirmation sampling for onsite reuse of this material was not performed, and instead, this material was disposed of off-site with the other generated waste streams.

## 6.5 AOC Excavation Confirmation Sampling

A plan view showing the lateral extent of the MW19HS1 excavation resulting from the remedial action is presented in Figure 5. Cross sections showing the MW19HS1 vertical excavation extents are also presented in Figure 5. Post excavation confirmatory soil sampling data are presented in Table 3. The locations of all confirmatory samples are presented on Figure 6. Trace Analytical Laboratories, Inc. (Trace), located in Muskegon, Michigan, analyzed all post excavation confirmatory samples (State of New Jersey Laboratory Certification No. MI008). Copies of all confirmatory sampling laboratory reports are presented on the CDROM in Appendix E.

To assure that all soils were removed to levels below the lower of the Impact to Groundwater Soil Screening Level (criteria taken from the NJDEP guidance document "Development of Site Specific Impact to Groundwater Soil Remediation Standards Using the Soil Water Partition Equation" dated December 2008) and the Residential Direct Contact Soil Remediation Standard, confirmatory sampling was conducted after excavation to the design depths as outlined in the RA Work Plan Addendum was complete. Post remedial confirmation sampling was conducted pursuant to N.J.A.C. 7:26E-3.3 through 3.12 and 4.1. In accordance with N.J.A.C. 7:26E-3.3

through 3.12 and 4.1, one (1) sample from the bottom of each sidewall (or biased to locations along the sidewall that may contain elevated concentrations of COCs based on field screening results) was collected every 20 linear feet (lnft). In addition, one sample was also collected at the midpoint (between the surface and bottom of the excavation) every 20 lnft, as requested by the USEPA. Samples were numbered by area, column and row designators. All sidewall sample analytical results are presented on Table 3 and are shown on Figure 6. No step-out samples were needed as all original samples met clean-up standards. Samples from the MW19HS1 excavation were analyzed in the laboratory for BTEX and DEHP using standard GC-MS Methods EPA 8260B and 8260C, respectively.

Due to the excavation extending into the water table, as described below in Section 7.6, no samples from the excavation bottom were collected as part of the remedial action.

## **6.6 Smear Zone Soil Excavation Below Water Table**

Though the excavation depth extended to the visible water table encountered at approximately 7 feet below the ground elevation (628 feet elevation) as proposed in the RA Work Plan Addendum, it was evident that additional saturated material could effectively be removed and managed due to the clay content of soils encountered at this depth. Just prior to backfilling, approximately 4 feet of saturated smear zone material was removed across the entire footprint of the excavation to an elevation of 624.3 feet removing a significant amount of additional source material.

Additional excavation was attempted within the footprint of where process waste was observed and elevated PID detections were recorded, however, soils at depths below 624.3 feet could not be properly managed due to highly saturated sand materials. Excavated saturated smear zone soils were loaded into an articulated dump truck and hauled to the stockpile staging area and managed in the same fashion as previously described for other AOC-excavated material.

## **6.7 Backfill**

Once excavation activities were completed and limits (depth and lateral extent) of the excavation cavity were fully measured and recorded, the area was backfilled to the approximate pre-existing grade as described in more detail below in Section 10 and as shown on Figure 5. Generally, backfill consisted of the following:

- The bottom 3-feet of the excavation were backfilled with imported gravel fill material.
- A geofabric layer was placed atop the gravel fill prior to placement of the subsequent fill material.

- Approximately 8.5 feet of clean imported fill was compacted over the gravel fill layer in 12-inch maximum lifts. 5 inches of topsoil was placed over the imported fill.

## Section 7

# Construction Quality Assurance and Health & Safety

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Details specific to the quality assurance measures utilized throughout the source reduction remedial project are provided in both the *Quality Assurance Project Plan* (QAPP) and *Construction Quality Assurance Project Plan* (CQAPP) presented in Appendix H of the RA Work Plan Addendum, along with USEPA comments associated with the QAPP dated December 21, 2009. The revised QAPP, incorporating USEPA comments, will be presented under separate cover.

The health and safety procedures utilized throughout the MW19HS1 remedial action are outlined in the *Construction Health & Safety Plan* (CHASP) also included in Appendix H of the RA Work Plan Addendum. As outlined in the CHASP, all RMT personnel entering the LEC site during the source reduction remedial actions were required to read the CHASP, and sign the training log. Copies of the signed training logs are presented at the end of Appendix H.

As outlined in Section 5 of the CHASP, RMT site personnel performed ambient air monitoring for volatile organic compounds (VOCs) using a photo ionization detector (PID). The PID was used to collect total VOC readings at various site location based on the days activities, weather conditions and/or potential for organic vapor exposure. At no point throughout the remediation did VOC concentrations detected by the PID at various locations on-site (e.g., on heavy equipment, and at the excavation etc.) show elevated concentrations (> 50 ppm total VOCs).

Equipment operators and other site personnel performed the majority of field work in level D personal protective equipment (PPE), however modified level C PPE (Tyvek coveralls, disposal outer boots, air-purifying respirator) were utilized by site personnel while performing such tasks as handling excavated process waste/saturated process waste, excavation near the water table where organic odors were present, managing ACM pipe removal, etc.

## Section 8

# Waste Management

Detailed information (*i.e.*, dates, load number, manifest or bill of lading number, weights, and associated disposal locations) specific to the management of wastes generated as a result of the implementation of the MW19HS1 remedial action is presented in Table 4. Copies of all manifests and bills of lading associated with materials generated throughout this source reduction remedial action are presented on the CD ROM attached in Appendix I.

Waste targeted for disposal was loaded into trucks by Dallas Contracting (Dallas) while waste transportation was provided by Environmental Waste Minimization, Inc. (EWMI; Northampton, PA). Two (2) independent disposal facilities were utilized to manage waste generated at the LEC site during the MW19HS1 remediation. These facilities and the waste sent to each are as follows.

Facility	Address	Facility ID No.	Materials Received
Clean Earth of Southeastern Pennsylvania, Inc. (CESP)	7 Steel Road East Morristown, PA 19067	-	Excavated Soils
Ross Incineration Services, Inc.	36790 Giles Road, Grafton, OH 44044	OHD048415665	Process Waste

Specific waste weights generated at the LEC site during the MW19HS1 remediation are presented in the following table:

Contaminated Material Type	Weight (Tons)
MW19HS1 Excavated Soils	2249.82
Sub-Slab Fill Soils/Topsoil	2271.90
Process Waste Material	0.6 <sup>1</sup>
ACM Pipe (36" dia)	125 Linear Feet
<b>TOTAL WASTE WEIGHT</b>	<b>4522.32</b>

All other materials (e.g., piping, small demolition debris, office trash, etc.) were containerized in on-site roll off boxes. Roll off boxes were managed by Dallas and transported to the Morris County Municipal Utilities Authority (MCMUA) Mt. Olive Transfer Station in Mt. Olive, NJ.

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<sup>1</sup> Process Waste (Material) generated weight estimated at 1,200 pounds (0.6 tons) based on disposal of three (3) drums of material at approximately 400 pounds per drum.

## Section 9

# Site Restoration

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The following section summarizes the details regarding fill material borrow source identification and approval, backfilling, and surficial restoration. As-built grade and subgrades and associated cross sections are shown on Figures 8 and 5, respectively.

### 9.1 Decontamination/Tracking Pad Removal

At the completion of waste management activities, decontamination tracking pads installed at the locations shown on Figure 4 were removed. All 2.5-inch coarse aggregate material reclaimed from the tracking pads was stockpiled east of the rails-to-trails for future re-use at the Site.

### 9.2 Off-Site Borrow Source for Fill Material and Topsoil

Due to the determination that the crushed Building 9 demolition debris (approximately 6,082 tons) and Building 9 sub-slab fill material (approximately 2,887 tons) was not suitable for onsite beneficial reuse, fill material required to restore the site to the proposed subgrade was imported from off-site borrow sources. Imported material included:

- 476.20 tons of 1-1/2 inch coarse aggregate supplied by Tilcon-NY, Mt. Hope Quarry, located in Wharton, NJ. Certification documentation is presented in Appendix J.
- 2937.24 tons of general fill (overburden material classified as Tilcon “Zone 3” material) supplied by Tilcon-NY, Mt. Hope Quarry, located in Wharton, NJ. Certification documentation is presented in Appendix J.
- 496 CY of topsoil was supplied by Dallas Contracting, South Plainfield, NJ. Certification documentation is presented in Appendix J.
- 536 CY of topsoil acquired from a project at 20 Lanadex Plaza, Parsippany, NJ. Certification documentation is presented in Appendix J.

### 9.3 Backfill and Grading

Immediately following completion of the MW19HS1 excavation, backfilling of the excavation and adjacent basement area to the east was performed. Backfilling consisted of:

- 476.20 tons of imported 1-1/2 inch coarse aggregate fill material placed in the bottom 3-feet of the excavation (624.3 elevation to approximately 627.3 elevation).
- A geofabric layer (Mirafi HP370) was placed atop the gravel fill prior to placement of the subsequent fill material.



- Approximately 8.5 feet of general fill (overburden material classified as Tilcon “Zone 3” material) placed over the gravel fill layer and compacted in 12-inch maximum lifts.

The site was rough graded to promote final grade runoff primary to the east. Once rough grading was complete, final grade survey contour stakes allowed the final site restoration work to be completed as discussed in the following sections.

## 9.4 Final Grade Survey

Surveyed grade stakes were professionally installed to establish the design final grade elevations. All surveying was performed by Dennis W. Sklar, Inc. (DWS), located in Philadelphia, PA (licensed under James M. Stewart, PLS, NJ Professional Land Surveyor No. 24GS02610800). Each survey point was located referencing North American Datum (NAD 83). In addition, the elevation for each survey point was determined by referencing National Geodetic Vertical Datum (NGVD 88).

A coordinate table of final grade contours staked and an accompanying map showing location of stakes is included in this RAR Addendum in Appendix K.

## 9.5 Topsoil Placement

Following installation of contour specific grade stakes, imported clean topsoil was placed and graded to the design final grade elevations shown on Figure 8 to serve as permanent stabilized surface cover and provide positive drainage primarily to the east (see Figure 8). A minimum of five inches of topsoil was placed over all areas disturbed during construction activities.

As noted in Section 9 (Waste Management) of this RAR Addendum, all topsoil removed during site preparation work (from the stockpile area and where decontamination tracking pads were installed) was determined to be unsuitable for onsite beneficial reuse and was disposed of accordingly.

Prior to hydroseeding, a skid-steer power rake attachment was utilized to remove miscellaneous surface rocks and to scarify the top two inches of soil to facilitate vegetative growth.

## 9.6 Hydroseeding

Once final grade was established, both the main excavation area and stockpile areas of the site were hydroseeded to facilitate vegetative cover (approximately 37,832 ft<sup>2</sup>). As required by the project SESC Permit, the hydroseed consisted of a combination of hard fescue (2.7 lbs/1,000 ft<sup>2</sup>), creeping red fescue (0.7 lbs/ 1,000 ft<sup>2</sup>), and perennial rye (0.25 lbs/ 1,000 ft<sup>2</sup>). Due to slow

germination after the first application, a second hydroseed application was performed on May 28, 2010 to further facilitate sufficient vegetative cover. A second assessment of cover was performed on June 22, 2010. Additional overspray(s) will be performed as needed in the fall of 2010 when weather conditions are more suitable for seed germination.

## **9.7 Demobilization and Clean-up**

Once excavation and restoration activities were completed, all temporary support equipment and structures were removed. The paved parking area north of Building 8 was cleared of residual soils and swept prior to demobilization.

## Section 10

# Green Remediation Initiatives

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EPA Region 2 has implemented the Clean and Green Policy Program. The goal of the program is to promote the sustainable practices and technologies of all federal cleanup programs. Region 2 has chosen four touchstone technologies which should be implemented unless impracticability is determined at the site or another green approach is considered more favorable. These technologies include; renewable energy, concrete made with coal combustion products, clean diesel, and methane capture.

As stated in the UAO, green remediation was to be implemented at the site. Green remediation initiatives incorporated during the MW19HS1 remedial action included:

- Limited number of mobilizations of construction equipment to and from the site. Remediation activities were performed immediately following the completion of demolition work to keep existing equipment at the site.

Beneficial reuse of demolition materials (e.g. crushed concrete) was proposed as part of the RA Work Plan Addendum, however, laboratory analytical results did not allow any material generated as part of the demolition to be reused during the remedial action scope of work.

## Section 11

# Remediation Costs

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The actual schedule to implement the scope of work outlined in this report addendum is presented in Appendix A. In accordance with the requirements outlined in N.J.A.C. 7:26E-6.7(b)6, a summary of MW19HS1 remedial action construction costs is presented in Table 5.

# Section 12

## Post Remediation Actions

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The following section briefly outlines the post remedial actions required following the MW19HS1 remedial project.

### 12.1 Proposed Post Remedial Groundwater Monitoring System

#### 12.1.1 Groundwater Monitoring Well Location and Design

A total of 9 new monitoring wells will be installed according to the procedures described in the *Post Remedial Monitoring Plan* (PRMP) (RMT, 2005), at specific locations, as shown on Figure 9. The new groundwater monitoring network is designed to serve the following general purposes (refer to Table 6 for detailed objectives and well descriptions):

- monitor background groundwater quality;
- monitor the groundwater quality of the shallow aquifer both within, lateral to, and downgradient of, the excavation area (i.e., former residual source area);
- monitor groundwater quality directly in front of the four Ross Street residences;
- provide sufficient groundwater elevation data to determine detailed groundwater flow (anticipated to be towards the regional sewer line that bisects Ross Street based on historical data); and
- monitor adequate points within the downgradient shallow contaminated zone of the aquifer in order to compare post excavation to pre-excavation MNA (monitored natural attenuation) process characteristics and determine long-term effectiveness of MNA in reducing constituents of concern (COCs) below applicable groundwater cleanup criteria.

These new groundwater monitoring wells will be sampled on a quarterly basis (along with existing monitoring well MW-19-12) for both COC and MNA parameters as outlined on Tables 2 and 3 of the 2009 revised PRMP.

### 12.2 Soil Gas Sampling

Soil gas sampling will be conducted, in accordance with USEPA's 2002 Vapor Intrusion Guidance, at each monitoring well location prior to drilling and installing the new monitoring well. In addition, as shown on Figure 9, three additional borings (located specifically in front of

houses along the north side of Ross St.) will be sampled for soil gas only. The objectives are to verify and strengthen previous soil-gas data that showed soil gas with elevated levels of COCs was not migrating across Ross St. (also supported by data that show the Ross Street residences are cross-gradient from the contaminated area), and determine the post excavation distribution of soil gas within the MW19HS1 area that exceeds the NJDEP Generic Vapor Intrusion Screening Levels, if any.

# Tables

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# Figures

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## Appendix A

### MW19HS1 Chronology of Events

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## Appendix B

### Plans, Permits, Approvals and Certifications

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## Appendix C

### CD-ROM Site Health and Safety Plan

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## Appendix D

### Site Security Log

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## Appendix E

### CD ROM Photographic Summary

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## Appendix F

### CD ROM Laboratory Analytical Reports

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## Appendix G

### Asbestos Pipe Removal

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## Appendix H

### HASP Training Log and OSHA Certifications

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# Appendix I

## CD ROM of Waste Paperwork

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## Appendix J

### Borrow Source Fill Materials Data

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**TABLE 1 - Roles and Responsibilities**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

NAME	PROJECT RESPONSIBILITY	PROJECT AUTHORITY	COMPANY NAME & ADDRESS	CONTACT INFORMATION
<b>Ernie Schaub</b>	Project Manager	Owner	<b>L.E. Carpenter &amp; Company</b> 33587 Walker Road Avon Lake, OH 44012	(440) 930-3611 Phone (440) 930-1063 Fax (440) 665-0328 Mobile ernie.schaub@polyone.com
<b>Richard Hahn</b>	Internal Council/Secretary	Owner	<b>L.E. Carpenter &amp; Company</b> 33587 Walker Road Avon Lake, OH 44012	(440) 930-1361 Phone (440) 930-1179 Fax richard.hahn@polyone.com
<b>Nicholas J. Clevett</b>	Project Coordinator	Supervising Contractor	<b>RMT, Inc.</b> 2025 E. Beltline Ave. SE, Suite 402 Grand Rapids, MI 49546	(616) 975-5415, ext. 1405 Phone (616) 975-1098 Fax (616) 780-2398 Mobile nicholas.clevett@rmtinc.com
<b>James J. Dexter, C.P.G.</b>	Senior Project Hydrogeologist/Geologist	Certifying Geologist (Certificate # 7844)	<b>RMT, Inc.</b> 2025 E. Beltline Ave. SE, Suite 402 Grand Rapids, MI 49546	(616) 975-5415, ext. 1407 Phone (616) 975-1098 Fax (616) 915-3658 Mobile jim.dexter@rmtinc.com
<b>Dan E. Oman, P.E.</b>	Senior Project Engineer	Licensed NJ Professional Engineer (License # 41157)	<b>RMT, Inc.</b> 3754 Ranchero Drive Ann Arbor, MI 48108	(734) 971-7080, ext. 7174 Phone (734) 971-9022 Fax (734) 604-0653 Mobile dan.oman@rmtinc.com
<b>Kenneth Quinn</b>	Lead Technical QA/QC	NA	<b>RMT, Inc.</b> 744 Heartland Trail Madison, WI 53717	(608) 662-5216 Phone (608) 831-3334 Fax (608) 358-5193 Mobile kenneth.quinn@rmtinc.com
<b>Jennifer E. Overvoorde</b>	Technical Coordinator	NA	<b>RMT, Inc.</b> 2025 E. Beltline Ave. SE, Suite 402 Grand Rapids, MI 49546	(616) 975-5415, ext. 1410 Phone (616) 975-1098 Fax (616) 915-3685 Mobile jennifer.overvoorde@rmtinc.com
<b>Scott Pawlukiewicz</b>	Field Operations Manager	NA	<b>RMT, Inc.</b> 2025 E. Beltline Ave. SE, Suite 402 Grand Rapids, MI 49546	(616) 975-5415, ext. 1422 Phone (616) 975-1098 Fax (616) 915-3604 Mobile scott.pawlukiewicz@rmtinc.com
<b>Dave Condon</b>	Site Contact	NA	<b>L.E. Carpenter &amp; Company</b> 170 North Main Street P.O. Box 11 Wharton, NJ 07885	(973) 366-1050 Phone (973) 366-5837 Fax
<b>Jon Mink</b>	Analytical Laboratory Services	NA	<b>Trace Analytical Laboratories, Inc.</b> 2241 Black Creek Road Muskegon, MI 49444	(231) 773-5998, ext. 241 Phone (231) 773-6537 Fax jmink@trace-labs.com
<b>David Pohwat</b>	Waste Broker/Contractor/Emergency Response	NA	<b>Environmental Waste Minimization/Rapid Respinse Inc.</b> 14 Brick Kiln Ct. Northampton, PA 18067	(484) 275-6930 Phone (484) 275-6970 Fax (484) 357-3123 Mobile dpohwat@ewmi-info.com
<b>John Sisto</b>	Remedial Contractor	NA	<b>Dallas Contracting Company, Inc.</b> 1260 New Market Ave. South Plainfield, NJ 07080	(908) 668-0600 Phone (908) 6668-0601 Fax (908) 295-4831 Mobile jsisto@dallascontracting.com
<b>Dennis W. Sklar, PLS</b>	Professional Surveyor	NA	<b>Dennis W. Sklar, Inc.</b> 9211 Woodenbridge Rd Philadelphia, PA 19114	(215) 268-7988 Phone (215) 268-7966 Fax (215) 651-6791 Mobile dwspls@comcast.net
<b>Kurt Roth</b>	Professional Driller	NA	<b>Eichelbergers, Inc.</b> 107 Texaco Road Mechanicsburg, PA 17050	(717) 691-6064 Phone (717) 691-6069 Fax (717) 649-0200 Mobile KurtRoth@eichelbergers.com
<b>Kelly Rice</b>	Wetland Specialist	NA	<b>JFNew</b> 11181 Marwill Avenue West Olive, MI 49460	(616) 847-1680 Phone (616) 847-9970 Fax (616) 502-0627 Mobile krice@jfnew.com
<b>Glenn Savary</b>	NJDEP Case Manager	Regulator	<b>New Jersey Department of Environmental Protection (NJDEP)</b> Bureau of Case Management 401 East State Street P.O. Box 028 Trenton, NJ 08626	(609) 633-1455 Phone (609) 633-1439 Fax (609) 937-1633 Mobile Glenn.Savary@dep.state.nj.us
<b>Gwen Zervas, P.E.</b>	NJDEP Section Chief	Regulator	<b>New Jersey Department of Environmental Protection (NJDEP)</b> Bureau of Case Management 401 East State Street P.O. Box 028 Trenton, NJ 08626	(609) 633-7261 Phone (609) 633-1439 Fax
<b>Patricia Simmons Pierre</b>	USEPA Remedial Project Manager (RPM)	Lead Regulator	<b>United States Environmental Protection Agency</b> 290 Broadway Floor 19 New York, NY 10007	(212) 637-3865 Phone (212) 637-3966 Fax pierre.patricia@epa.gov
<b>Jon Rheinhardt</b>	Borough of Wharton Point of Contact & Borough of Wharton CFO	NA	<b>Borough of Wharton</b> Wharton Municipal Building 10 Roberts Street Wharton, NJ 07885	(973) 361 8444, ext. 11 Phone (973) 361-5281 Fax (973) 713-5518 Mobile Jrheinhardt@whartonnj.com

**TABLE 2**  
**MW19HS1 Remedial Action Permits, Authorizations and Certifications**  
**Dayco/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

DESCRIPTION	CITATION	AGENCY	APPLICABILITY	APPROVAL & AUTHORIZATION	PERMIT # / FILE REFERENCE
Remedial Action Work Plan Addendum	40, Code of Federal Register (CFR) Pt. 300, National Oil and Hazardous Substances Pollution Contingency Plan (NCP)	USEPA	SOW-IV	Document entitled <i>Addendum to the Remedial Action Work Plan for Source Reduction</i> (RMT, September 2009) and subsequent response to regulatory comments [December 29, 2009] were approved by the USEPA in an email dated December 30, 2009.	N/A
Soil Erosion and Sediment Control Plan & Request for Authorization (RFA) for Stormwater Discharge Associated with Construction and Mining Activities	NJ Soil Erosion and Sediment Control Act, Chapter 251, P.L. 75	Morris County Soil Conservation District	Projects involving earth disturbance > 5,000 sqft	Certification of the document entitled <i>Soil Erosion and Sediment Control Plan MW19HS1 Soil Remediation</i> (RMT, December 2009, revised January 2010) provided by MCSCD January 14, 2010 (permit dated as January 27, 2010 per final board meeting date requirements).	MCSCD 2010-7910
Request for Authorization (RFA) for Stormwater	N.J.A.C. 7:14A	NJDEP	Projects involving earth disturbance > 5,000 sqft	The completed NJDEP online E-Permitting system Request for Authorization (RFA) was submitted and approved by the NJDEP on January 14, 2010.	NJG0176681
Freshwater Wetlands Statewide General Permit No. 4 (GP 4)	N.J.A.C. 7:7A	NJDEP LURP	Investigation, cleanup and removal of hazardous substances or pollutants in freshwater wetlands, transition areas and State open waters	Not Applicable for the MW19HS1 Remedial Scope of Work	N/A
Stream Encroachment Permit	N.J.S.A. 58:16A-58 et seq.; N.J.A.C. 7:13	NJDEP LURP	Any development within a floodplain as defined "...any construction activity or other manmade land disturbance"	Not Applicable for the MW19HS1 Remedial Scope of Work	N/A
Flood Hazard Permit	N.J.A.C. 7:13	NJDEP LURP	Activities occurring within a) the defined NJDEP Flood Hazard Area and/or b) within the defined Riparian Zone	No approval required as all conditions for "Permit-by-Rule" were met for the MW19HS1 remedial scope of work.	N/A
Monitoring Well Abandonment	N.J.A.C. 7:9D	NJDEP	Abandoning and installing monitoring wells	This activity was proposed in the document entitled <i>Addendum to the Remedial Action Work Plan for Source Reduction</i> (RMT, September 2009). Well abandonment approval granted by the USEPA in an email dated October 5, 2009. Road Opening Permit approved on October 6, 2009 by the Borough of Wharton, NJ.	ROP-09-05
Tree Removal Application/Permit	-	Borough of Wharton	Removal of trees within Ross Street Right-of-Way in close proximity to construction activities.	Tree Removal Application filed and approved on January 11, 2010 by the Borough of Wharton, NJ.	N/A

**NOTES**

N.J.A.C.: New Jersey Administrative Code  
NJDEP: New Jersey Department of Environmental Protection  
USEPA: United States Environmental Protection Agency  
U.S.C: United States Code  
CFR: Code of Federal Regulations  
HPO: Historic Preservation Office  
USFWS: US Fish and Wildlife Service  
LURP: Land Use Regulation Program

**TABLE 3**  
**MW19HS1 Post Excavation Confirmatory Soil Samples**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

PARAMETER	UNITS	RDCSRs	NRDCSRs	IMPACT TO GW SOIL SCREENING LEVEL <sup>(1)</sup>	SAMPLE ID	SS-19HS1-20S10W	SS-19HS1-30S10W	SS-19HS1-20S27W	SS-19HS1-30S27W	SS-19HS1-20S45W
					LAB ID	T10B014-01	T10B014-02	T10B014-03	T10B014-04	T10B014-05
					SAMPLE DATE	2/1/2010	2/1/2010	2/1/2010	2/1/2010	2/1/2010
					DETECTION LIMIT					
Bis(2-ethylhexyl)phthalate	mg/kg dry	35	140	790	0.33	<0.33	<0.33	<0.33	<b>0.44</b>	<b>18</b>
Benzene	mg/kg dry	2	5	0.005	0.0052	<0.0052	<0.0047	<0.0048	<0.0043	<0.0023
Toluene	mg/kg dry	6,300	91,000	4	0.0052	<b>0.034</b>	<b>0.018</b>	<b>0.024</b>	<b>0.014</b>	<b>0.028</b>
Ethylbenzene	mg/kg dry	7,800	110,000	8	0.0052	<0.0052	<0.0047	<0.0048	<0.0043	<0.0023
m,p-Xylene	mg/kg dry	NA	NA	NA	0.010	<0.010	<0.0094	<0.0097	<0.0086	<b>0.0072</b>
o-Xylene	mg/kg dry	NA	NA	NA	0.0052	<0.0052	<0.0047	<0.0048	<0.0043	<0.0023
Xylenes, total	mg/kg dry	12,000	170,000	12	0.016	<0.016	<0.014	<0.015	<0.013	<b>0.0095</b>
% Solids	% by Wt.	- -	- -	- -	0.10	<b>69</b>	<b>87</b>	<b>77</b>	<b>88</b>	<b>85</b>

**NOTES**

NA = Standard Not Available

RDCSRs: Residential Direct Contact Soil Remediation Standard

NRDCSRs: Nonresidential Direct Contact Soil Remediation Standard

(1) Criteria taken from the NJDEP guidance document "Development of Site Specific Impact to Groundwater Soil Remediation Standards Using the Soil Water Partition Equation" dated December 2008.

**TABLE 3**  
**MW19HS1 Post Excavation Confirmatory Soil Samples**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

PARAMETER	UNITS	RDCSRS	NRDCSRS	IMPACT TO GW SOIL SCREENING LEVEL <sup>(1)</sup>	SAMPLE ID	SS-19HS1-30S45W	SS-19HS1-10S70W	SS-19HS1-9S 65W	SS-19HS1-10N 68W	SS-19HS1-10N 60W
					LAB ID	T10B014-06	T10B066-01	T10B066-02	T10B066-03	T10B066-04
					SAMPLE DATE	2/1/2010	2/4/2010	2/4/2010	2/4/2010	2/4/2010
					DETECTION LIMIT					
Bis(2-ethylhexyl)phthalate	mg/kg dry	35	140	790	0.33	11	1.2	1.3	<0.33	1.9
Benzene	mg/kg dry	2	5	0.005	0.0052	<0.0022	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/kg dry	6,300	91,000	4	0.0052	<b>0.0048</b>	<0.0050	<b>0.032</b>	<0.0050	<0.0050
Ethylbenzene	mg/kg dry	7,800	110,000	8	0.0052	<0.0022	<0.0050	<0.0050	<0.0050	<0.0050
m,p-Xylene	mg/kg dry	NA	NA	NA	0.010	<0.0043	<0.010	<b>0.016</b>	<0.010	<0.010
o-Xylene	mg/kg dry	NA	NA	NA	0.0052	<0.0022	<0.0050	<b>0.0053</b>	<0.0050	<0.0050
Xylenes, total	mg/kg dry	12,000	170,000	12	0.016	<0.0065	<0.015	<b>0.021</b>	<0.015	<0.015
% Solids	% by Wt.	- -	- -	- -	0.10	<b>89</b>	<b>94</b>	<b>91</b>	<b>93</b>	<b>88</b>

**NOTES**

NA = Standard Not Available

RDCSRS: Residential Direct Contact Soil Remediation Standard

NRDCSRS: Nonresidential Direct Contact Soil Remediation Standard

(1) Criteria taken from the NJDEP guidance document "Development of Site Specific Impact to Groundwater Soil Remediation Standards Using the Soil Water Partition Equation" dated December 2008.

**TABLE 3**  
**MW19HS1 Post Excavation Confirmatory Soil Samples**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

PARAMETER	UNITS	RDCSRS	NRDCSRS	IMPACT TO GW SOIL SCREENING LEVEL <sup>(1)</sup>	SAMPLE ID	SS-19HSI-30N 51W	SS-19HSI-25N 48W	SS-19HSI-40N 30W	SS-19HSI-35N 30W	SS-19HSI-38N 10W
					LAB ID	T10B066-05	T10B066-06	T10B066-07	T10B066-08	T10B066-09
					SAMPLE DATE	2/4/2010	2/4/2010	2/4/2010	2/4/2010	2/4/2010
					DETECTION LIMIT					
Bis(2-ethylhexyl)phthalate	mg/kg dry	35	140	790	0.33	<0.33	<0.33	3.9	20	12
Benzene	mg/kg dry	2	5	0.005	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/kg dry	6,300	91,000	4	0.0052	<0.0050	<0.0050	0.0084	<0.0050	0.050
Ethylbenzene	mg/kg dry	7,800	110,000	8	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
m,p-Xylene	mg/kg dry	NA	NA	NA	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
o-Xylene	mg/kg dry	NA	NA	NA	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Xylenes, total	mg/kg dry	12,000	170,000	12	0.016	<0.015	<0.015	<0.015	<0.015	<0.015
% Solids	% by Wt.	- -	- -	- -	0.10	80	88	92	82	86

**NOTES**

NA = Standard Not Available

RDCSRS: Residential Direct Contact Soil Remediation Standard

NRDCSRS: Nonresidential Direct Contact Soil Remediation Standard

(1) Criteria taken from the NJDEP guidance document "Development of Site Specific Impact to Groundwater Soil Remediation Standards Using the Soil Water Partition Equation" dated December 2008.

**TABLE 3**  
**MW19HS1 Post Excavation Confirmatory Soil Samples**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

PARAMETER	UNITS	RDCCSRs	NRDCSRs	IMPACT TO GW SOIL SCREENING LEVEL <sup>(1)</sup>	SAMPLE ID	SS-19HS1-30N 10W	SS-19HS1-DUP-01	SS-19HS1-22S 5E	SS-19HS1-9S 5E	SS-19HS1-8N 3E
					LAB ID	T10B066-10	T10B066-11	T10B091-01	T10B091-02	T10B091-03
					SAMPLE DATE	2/4/2010	2/4/2010	2/8/2010	2/8/2010	2/8/2010
					DETECTION LIMIT					
Bis(2-ethylhexyl)phthalate	mg/kg dry	35	140	790	0.33	<0.33	1.7	<0.52	6.3	1.5
Benzene	mg/kg dry	2	5	0.005	0.0052	<0.0050	<0.0050	<0.0059	<0.0050	<0.0050
Toluene	mg/kg dry	6,300	91,000	4	0.0052	<0.0050	<0.0050	<0.0059	0.0085	<0.0050
Ethylbenzene	mg/kg dry	7,800	110,000	8	0.0052	<0.0050	<0.0050	<0.0059	0.0052	<0.0050
m,p-Xylene	mg/kg dry	NA	NA	NA	0.010	<0.010	<0.010	<0.012	0.011	<0.010
o-Xylene	mg/kg dry	NA	NA	NA	0.0052	<0.0050	<0.0050	<0.0059	0.0087	<0.0050
Xylenes, total	mg/kg dry	12,000	170,000	12	0.016	<0.015	<0.015	<0.018	0.019	<0.015
% Solids	% by Wt.	- -	- -	- -	0.10	81	90	80	81	87

**NOTES**

NA = Standard Not Available

RDCCSRs: Residential Direct Contact Soil Remediation Standard

NRDCSRs: Nonresidential Direct Contact Soil Remediation Standard

(1) Criteria taken from the NJDEP guidance document "Development of Site Specific Impact to Groundwater Soil Remediation Standards Using the Soil Water Partition Equation" dated December 2008.



**TABLE 3**  
**MW19HS1 Post Excavation Confirmatory Soil Samples**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

PARAMETER	UNITS	RDCSRs	NRDCSRs	IMPACT TO GW SOIL SCREENING LEVEL <sup>(1)</sup>	SAMPLE ID	SS-19HS1-9N 10E	SS-19HS1-21N 0E	SS-19HS1-27N 5E	SS-19HS1-DUP-02	SS-19HS1-DUP-03
					LAB ID	T10B091-04	T10B091-05	T10B091-06	T10B091-07	T10B091-08
					SAMPLE DATE	2/8/2010	2/8/2010	2/8/2010	2/8/2010	2/8/2010
					DETECTION LIMIT					
Bis(2-ethylhexyl)phthalate	mg/kg dry	35	140	790	0.33	1.6	2.9	2.0	2.2	3.0
Benzene	mg/kg dry	2	5	0.005	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0052
Toluene	mg/kg dry	6,300	91,000	4	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0052
Ethylbenzene	mg/kg dry	7,800	110,000	8	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0052
m,p-Xylene	mg/kg dry	NA	NA	NA	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
o-Xylene	mg/kg dry	NA	NA	NA	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0052
Xylenes, total	mg/kg dry	12,000	170,000	12	0.016	<0.015	<0.015	<0.015	<0.015	<0.016
% Solids	% by Wt.	- -	- -	- -	0.10	94	89	94	85	88

**NOTES**

NA = Standard Not Available

RDCSRs: Residential Direct Contact Soil Remediation Standard

NRDCSRs: Nonresidential Direct Contact Soil Remediation Standard

(1) Criteria taken from the NJDEP guidance document "Development of Site Specific Impact to Groundwater Soil Remediation Standards Using the Soil Water Partition Equation" dated December 2008.

**TABLE 4**  
**MW19HS1 Remedial Action Waste Volume Summary Table**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

Loads	Waste/Material	Weight (Tons)
88	AOC Excavated Soils	2249.82
75	Sub-Slab Fill/Topsoil	2271.90
163	<b>MW19HS1 Waste Total</b>	<b>4521.72</b>

Load #	Date	Manifest #	Ticket #	Truck	Net Weight
1	3/30/2010	27311	315000031442	RAI880	25.81
2	3/30/2010	27312	315000031445	RAI881	34.48
3	3/30/2010	27313	315000031446	MAR892	35.63
4	3/30/2010	27314	315000031452	RAI883	34.2
5	3/30/2010	27315	315000031454	RAI888	34.33
6	3/30/2010	27316	315000031455	RAI887	33.53
7	3/30/2010	27319	315000031456	GRE210	31.77
8	3/30/2010	27318	315000031458	GRE205	32.2
9	3/30/2010	27321	315000031461	RAI885	35.15
10	3/30/2010	27320	315000031462	GRE203	33.84
11	3/30/2010	27324	315000031464	RAI71	34.93
12	3/30/2010	27322	315000031467	RAI886	34.17
13	3/30/2010	27323	315000031468	RAI91	33.04
14	3/30/2010	27326	315000031469	RAI873	35.34
15	3/30/2010	27327	315000031472	RAI889	36.12
16	3/30/2010	27328	315000031473	NIC207	27.75
17	3/30/2010	27329	315000031476	RAI877	27.39
18	3/30/2010	27325	315000031477	RAI882	36.82
19	3/30/2010	27330	315000031479	RAI862	23.22
20	3/30/2010	27331	315000031482	NIC844	24.24
21	3/30/2010	27332	315000031483	GRE208	22.87
22	3/30/2010	27333	315000031484	NIC825	24.01
23	3/30/2010	27317	315000031486	GRE209	30.23
24	3/30/2010	27334	315000031488	RAI874	28.62
25	3/30/2010	27336	315000031489	RAI805	24.88
26	3/30/2010	27335	315000031490	RAI828	25.99
27	3/30/2010	27337	315000031491	RAI891	27.77
28	3/30/2010	27338	315000031493	RAI872	32.37
29	3/30/2010	27339	315000031495	NIC103	35.14
30	3/30/2010	27340	315000031497	RAI890	34.32
31	3/30/2010	27341	315000031502	RAI871	35.05
32	3/30/2010	27342	315000031505	RAI893	34.45
33	3/30/2010	27343	315000031509	RAI02	39.28
34	3/30/2010	27344	315000031510	NIC870	38.8
35	3/30/2010	27345	315000031520	RAI881	32.26
36	3/30/2010	27347	315000031529	MAR892	30.51
37	3/30/2010	27346	315000031530	RAI888	31.55
38	3/30/2010	27351	315000031531	RAI885	38.21
39	3/30/2010	27349	315000031532	GRE205	36.15
40	3/30/2010	27348	315000031533	RAI883	29.89
41	3/31/2010	27352	315000031552	RAI91	33.51
42	3/31/2010	27356	315000031553	RAI862	34.64
43	3/31/2010	27354	315000031555	RAI890	33.85
44	3/31/2010	27353	315000031557	RAI71	32.88

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**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

Load #	Date	Manifest #	Ticket #	Truck	Net Weight
45	3/31/2010	27355	315000031559	RAI872	32.35
46	3/31/2010	27359	315000031565	RAI874	37.12
47	3/31/2010	27360	315000031567	RAI889	35.27
48	3/31/2010	27361	315000031570	NIC207	35.4
49	3/31/2010	27358	315000031574	GRE204	42.59
50	3/31/2010	27368	315000031577	GRE208	34.34
51	3/31/2010	27362	315000031581	NIC79	40
52	3/31/2010	27363	315000031582	RAI828	35.5
53	3/31/2010	27364	315000031583	RAI873	38.89
54	3/31/2010	27369	315000031589	NIC103	41.66
55	3/31/2010	27370	315000031590	RAI805	34.76
56	3/31/2010	27366	315000031591	GRE205	38.56
57	3/31/2010	27365	315000031592	GRE210	38.1
58	3/31/2010	27367	315000031593	GRE203	39.57
59	3/31/2010	27357	315000031594	GRE209	35.02
60	3/31/2010	27371	315000031596	RAI877	35.27
61	3/31/2010	27373	315000031598	RAI886	38.6
62	3/31/2010	27374	315000031600	NIC870	29.83
63	3/31/2010	27372	315000031633	RAI887	40.75
64	3/31/2010	27375	315000031634	RAI862	26.2
65	3/31/2010	27376	315000031635	RAI890	26.33
66	3/31/2010	27377	315000031636	RAI872	25.38
67	3/31/2010	27378	315000031637	RAI874	24.97
68	3/31/2010	27379	315000031638	NIC207	23.81
69	3/31/2010	27380	315000031639	RAI889	23.18
70	3/31/2010	27381	315000031642	RAI828	23.1
71	3/31/2010	27382	315000031643	NIC79	24.16
72	3/31/2010	27383	315000031644	GRE208	23.31
73	3/31/2010	27384	315000031647	RAI873	27.12
74	3/31/2010	27385	315000031648	NIC103	27.65
75	3/31/2010	27386	315000031651	RAI805	27.9
76	3/31/2010	27387	315000031652	GRE205	27.34
77	3/31/2010	27388	315000031653	GRE210	25.67
78	3/31/2010	27395	315000031654	GRE209	21.49
79	3/31/2010	27394	315000031655	GRE203	25.76
80	3/31/2010	27396	315000031656	RAI886	25.37
81	4/1/2010	27403	315000031672	RAI828	26.27
82	4/1/2010	27404	315000031673	RAI880	26.59
83	4/1/2010	27406	315000031674	RAI890	24.82
84	4/1/2010	27407	315000031676	RAI889	24.1
85	4/1/2010	27401	315000031677	RAI873	23.53
86	4/1/2010	27402	315000031679	RAI872	27.87
87	4/1/2010	27410	315000031682	NIC207	23.44
88	4/1/2010	27411	315000031683	TEV22	23.71
89	4/1/2010	27414	315000031686	TEV14	22.96
90	4/1/2010	27413	315000031688	GRE210	21.47
91	4/1/2010	27415	315000031689	GRE209	21.4
92	4/1/2010	27417	315000031690	RAI805	23.32
93	4/1/2010	27416	315000031691	RAI862	21.34
94	4/1/2010	27409	315000031692	GRE208	22.16

**TABLE 4**  
**MW19HS1 Remedial Action Waste Volume Summary Table**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

Load #	Date	Manifest #	Ticket #	Truck	Net Weight
95	4/1/2010	27412	315000031693	TEV66	20.59
96	4/1/2010	27420	315000031698	HAP46	21.51
97	4/1/2010	27418	315000031699	TEV135	21.87
98	4/1/2010	27419	315000031701	TEV06	22.04
99	4/1/2010	27421	315000031704	NIC103	24.7
100	4/1/2010	27422	315000031706	GRE203	21.25
101	4/1/2010	27423	315000031725	RAI102	22.74
102	4/1/2010	27424	315000031726	NIC80	24.56
103	4/1/2010	27427	315000031734	RAI890	21.68
104	4/1/2010	27428	315000031735	RAI889	22.47
105	4/1/2010	27425	315000031736	RAI828	21.35
106	4/1/2010	27426	315000031737	RAI880	22.3
107	4/1/2010	27429	315000031740	RAI873	22.97
108	4/1/2010	27430	315000031741	RAI872	24.52
109	4/1/2010	27431	315000031742	TEV14	26.37
110	4/1/2010	27433	315000031743	TEV66	22.79
111	4/1/2010	27432	315000031744	TEV22	24.19
112	4/1/2010	27434	315000031745	NIC207	22.9
113	4/1/2010	27435	315000031746	GRE210	21.23
114	4/1/2010	27436	315000031747	GRE209	23
115	4/1/2010	27437	315000031748	RAI805	22.1
116	4/1/2010	27439	315000031749	GRE208	22.55
117	4/1/2010	27438	315000031750	RAI862	21.28
118	4/1/2010	27441	315000031751	TEV135	21.62
119	4/1/2010	27440	315000031753	HAP46	23.46
120	4/1/2010	27442	315000031754	NIC103	24.21
121	4/1/2010	27443	315000031755	TEV45	20.82
122	4/1/2010	27445	315000031756	RAI885	23.57
123	4/1/2010	27444	315000031757	GRE203	21.82
124	4/1/2010	27446	315000031758	RAI02	27.33
125	4/1/2010	27447	315000031759	RAI102	25.49
126	4/1/2010	27448	315000031760	NIC80	24.75
127	4/1/2010	24750	315000031761	TEV10	26.81
128	4/1/2010	27449	315000031762	RAI882	26.1
129	4/2/2010	27408	315000031792	RAI871	23.89
130	4/5/2010	27451	315000031860	GRE209	24.15
131	4/5/2010	27453	315000031863	TEV04	24.64
132	4/5/2010	27452	315000031864	CVT99	25.97
133	4/5/2010	27454	315000031866	TEV57	23.97
134	4/5/2010	27457	315000031871	TEV88	22.27
135	4/5/2010	27458	315000031874	TEV06	22.05
136	4/5/2010	27455	315000031876	TEV30	25.53
137	4/5/2010	27459	315000031877	BLA8224	24.19
138	4/5/2010	27460	315000031878	TEV77	26.49
139	4/5/2010	27461	315000031879	GRE210	26.35
140	4/5/2010	27456	315000031884	TEV16	20.65
141	4/5/2010	27463	315000031892	GRE203	23.32
142	4/5/2010	27462	315000031893	GRE209	23.68
143	4/5/2010	27464	315000031896	GRE210	26.83
144	4/5/2010	27465	315000031897	TEV14	21.71

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**MW19HS1 Remedial Action Waste Volume Summary Table**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

Load #	Date	Manifest #	Ticket #	Truck	Net Weight
145	4/5/2010	27466	315000031898	CVT99	24.06
146	4/5/2010	27468	315000031906	TEV88	21.44
147	4/5/2010	27467	315000031907	BLA8224	24.08
148	4/5/2010	27469	315000031911	TEV170	15.13
149	4/5/2010	27470	315000031912	BLA2482	17.66
150	4/16/2010	27510	315000032776	GRE210	24.13
151	4/16/2010	27511	315000032780	RAI91	22.52
152	4/16/2010	27514	315000032783	GRE205	26.9
153	4/16/2010	27515	315000032784	GRE209	26.82
154	4/16/2010	27516	315000032786	RAI71	27.45
155	4/16/2010	27518	315000032791	GRE208	25.45
156	4/16/2010	27519	315000032820	GRE203	22.06
157	4/16/2010	27520	315000032846	RAI881	26.23
158	4/16/2010	27521	315000032848	RAI880	27.15
159	4/16/2010	27522	315000032851	GRE210	28.27
160	4/16/2010	27523	315000032860	GRE205	28.14
161	4/16/2010	27525	315000032862	RAI71	28.78
162	4/16/2010	27524	315000032863	GRE209	27.36
163	4/16/2010	27526	315000032876	NIC870	28.97

**TABLE 5**  
**Summary of MW19HS1 Remedial Action Construction Costs**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

DESCRIPTION		QUANTITY	UNITS	TOTAL COST
1	Mobilization, Project Set-up, Environmental Permitting, and Administration	1	Lump Sum	\$52,834
2	Environmental Construction Oversight and Confirmatory Sample Analyses	1	Lump Sum	\$97,063
3a	Excavate, Stockpile, and Load Targeted Hot Spot Soils	2,420	Tons	\$69,743
3b	Transport and Dispose Targeted Hot Spot Soils			\$161,041
4a	Excavate, Stockpile, and Load Bldg. 9 Sub-Slab Soils and Process Wastes	2,102	Tons	\$69,743
4b	Transport and Dispose Bldg. 9 Sub-Slab Soils and Process Wastes			\$141,073
5	Site Backfill & Restoration	1	Lump Sum	\$83,692
6	Demobilization	1	Lump Sum	\$27,897
<b>TOTAL</b>				<b>\$703,086</b>

LEC Reported Financial Data

1 Contractor costs (2 authorizations: \$105,632 & \$173,340); Total = \$278,972

RMT Assumptions for Contractor costs:

- 1 Mobilization = 10%
- 2 Demobilization = 10%
- 3 Excavation = 50%  
(excavation split equally between Item 3 and 4 above)
- 4 Backfill & Restore = 30%

**TABLE 6**  
**MW19HS1 Post Excavation Monitoring Well Details and Objectives**  
**Dayco Corporation/L.E. Carpenter Superfund Site**  
**Borough of Wharton, Morris County, New Jersey, USEPA ID No. NJD002168748**

Well	MW19HS1 Objectives
MW-19R	Monitor shallow aquifer within the area of the former Building 9 floor drains where process waste was encountered and removed during the remedial action to compare post excavation to pre-excavation COC concentrations and MNA process characteristics.
MW-19-5R	Monitor shallow aquifer downgradient from remedial action excavation area in order to compare post excavation to pre-excavation COC concentrations and MNA process characteristics.
MW-19-6R	Monitor shallow aquifer laterally from remedial action excavation area in order to compare post excavation to pre-excavation COC concentrations and MNA process characteristics.
MW-19-7R	Monitor shallow aquifer downgradient from remedial action excavation area in order to compare post excavation to pre-excavation COC concentrations and MNA process characteristics.
MW-19-13	Establish post excavation baseline for MNA analysis and determine COC parameter concentrations in the area sidegradient from the MW19HS1 remedial action excavation area.
MW-19-14	Establish baseline for MNA analysis and determine dissolved concentrations of COC parameter concentrations within the area of the former Building 9 floor drains where process waste was encountered and removed during the remedial action.
MW-19-15	Establish "background" baseline for MNA analysis and determine COC parameter concentrations in the area upgradient from the MW19HS1 remedial action excavation area.
MW-19-16	Establish "background" baseline for MNA analysis and determine COC parameter concentrations in the area up- and sidegradient from the MW19HS1 remedial action excavation area.
MW-19-17	Establish post excavation baseline for MNA analysis and determine COC parameter concentrations in the area sidegradient from the MW19HS1 remedial action excavation area. Monitor water quality on the north side of the regional sewer line.
Soil Gas Boring	MW19HS1 Objectives
MW19HS1-SG-R1	Verify and strengthen previous soil-gas data that showed soil gas with elevated levels of COCs was not migrating across Ross St. and determine the post excavation distribution of soil gas within the MW19HS1 area that exceeds the NJDEP Generic Vapor Intrusion Screening Levels, if any.
MW19HS1-SG-R2	Verify and strengthen previous soil-gas data that showed soil gas with elevated levels of COCs was not migrating across Ross St. and determine the post excavation distribution of soil gas within the MW19HS1 area that exceeds the NJDEP Generic Vapor Intrusion Screening Levels, if any.
MW19HS1-SG-R3	Verify and strengthen previous soil-gas data that showed soil gas with elevated levels of COCs was not migrating across Ross St. and determine the post excavation distribution of soil gas within the MW19HS1 area that exceeds the NJDEP Generic Vapor Intrusion Screening Levels, if any.

COCs = Contaminants of Concern: benzene, toluene, ethylbenzene, xylenes, and bis (2-ethyl hexyl) phthalate (DEHP)

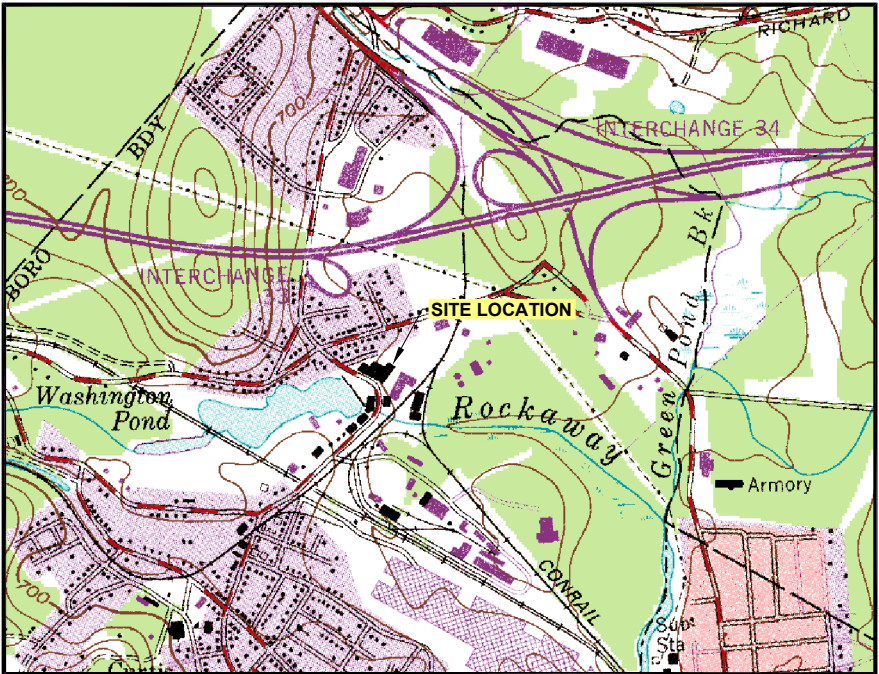
AOC = Area of Concern

MNA = Monitored Natural Attenuation

# DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE

## BOROUGH OF WHARTON, MORRIS COUNTY, NEW JERSEY ADDENDUM TO THE REMEDIAL ACTION REPORT MW19HS1 SOIL REMEDIATION

PREPARED FOR: L.E. CARPENTER & COMPANY  
PREPARED BY: RMT, INC.  
DATE: JULY 2010



**SITE LOCATION MAP**



BASE MAP DEVELOPED FROM THE DOVER, NEW  
JERSEY 7.5 MINUTE U.S.G.S. TOPOGRAPHIC  
QUADRANGLE MAP, DATED 1954, PHOTOREVISED 1981.

### DRAWING INDEX

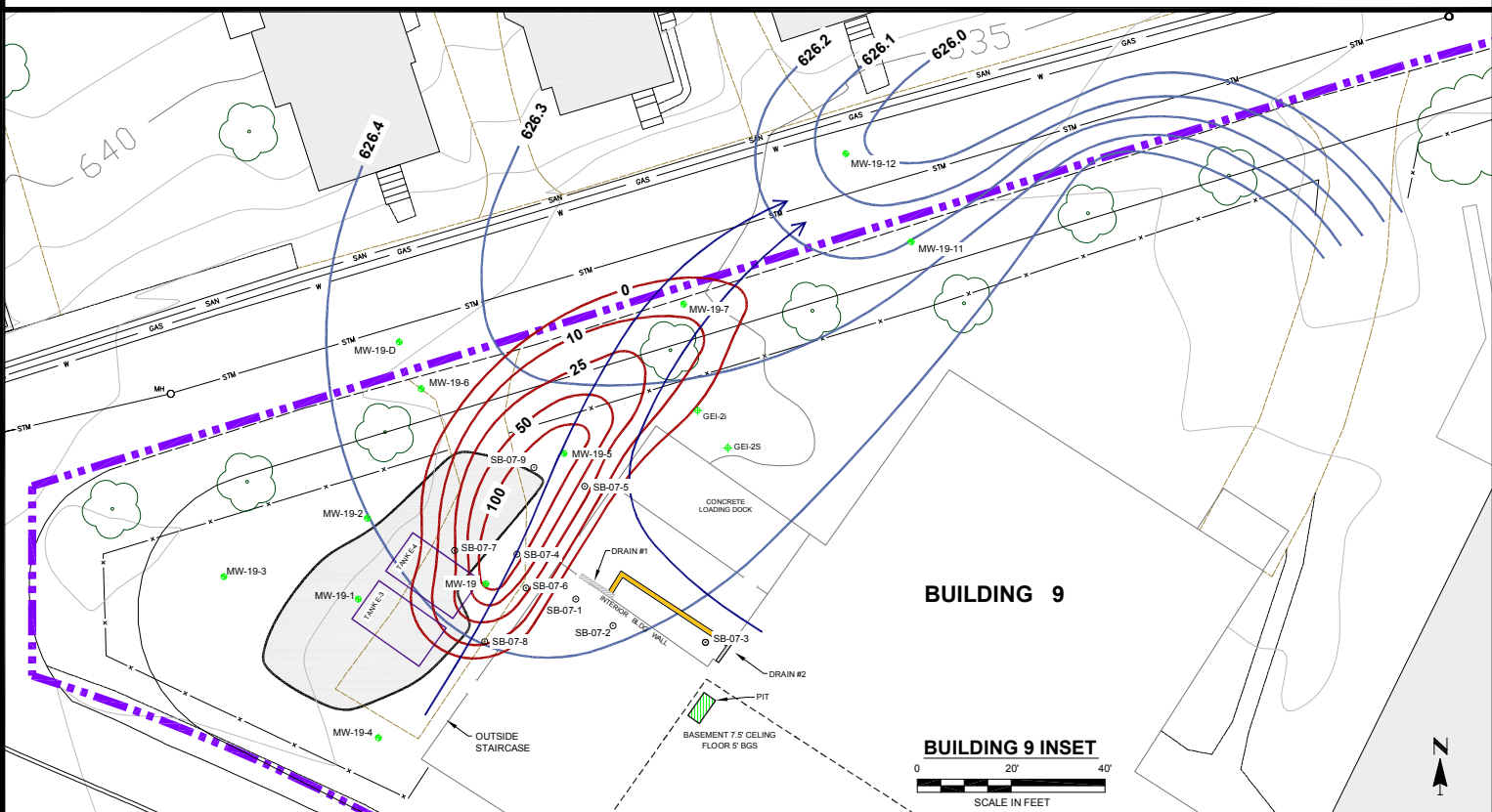
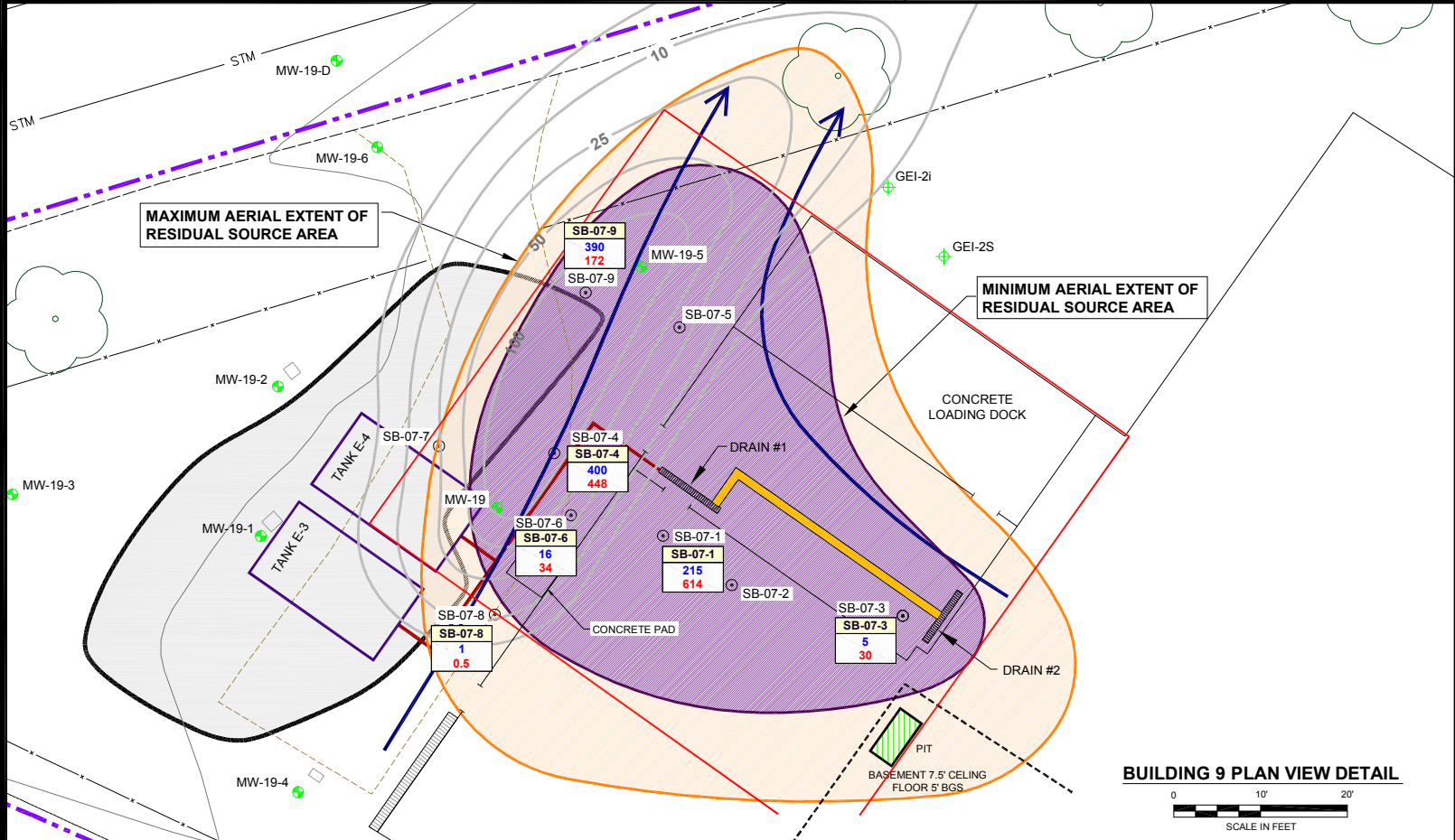
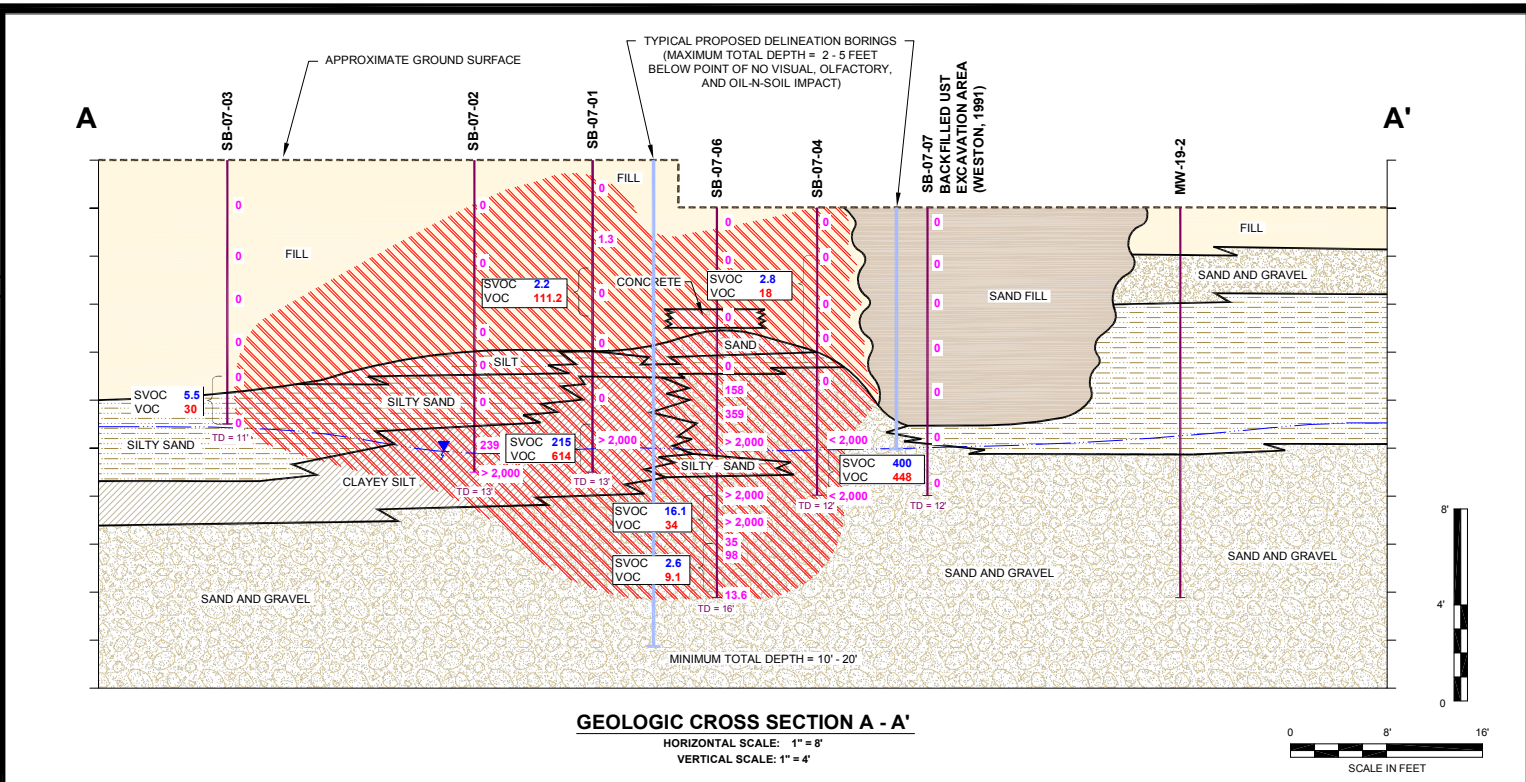
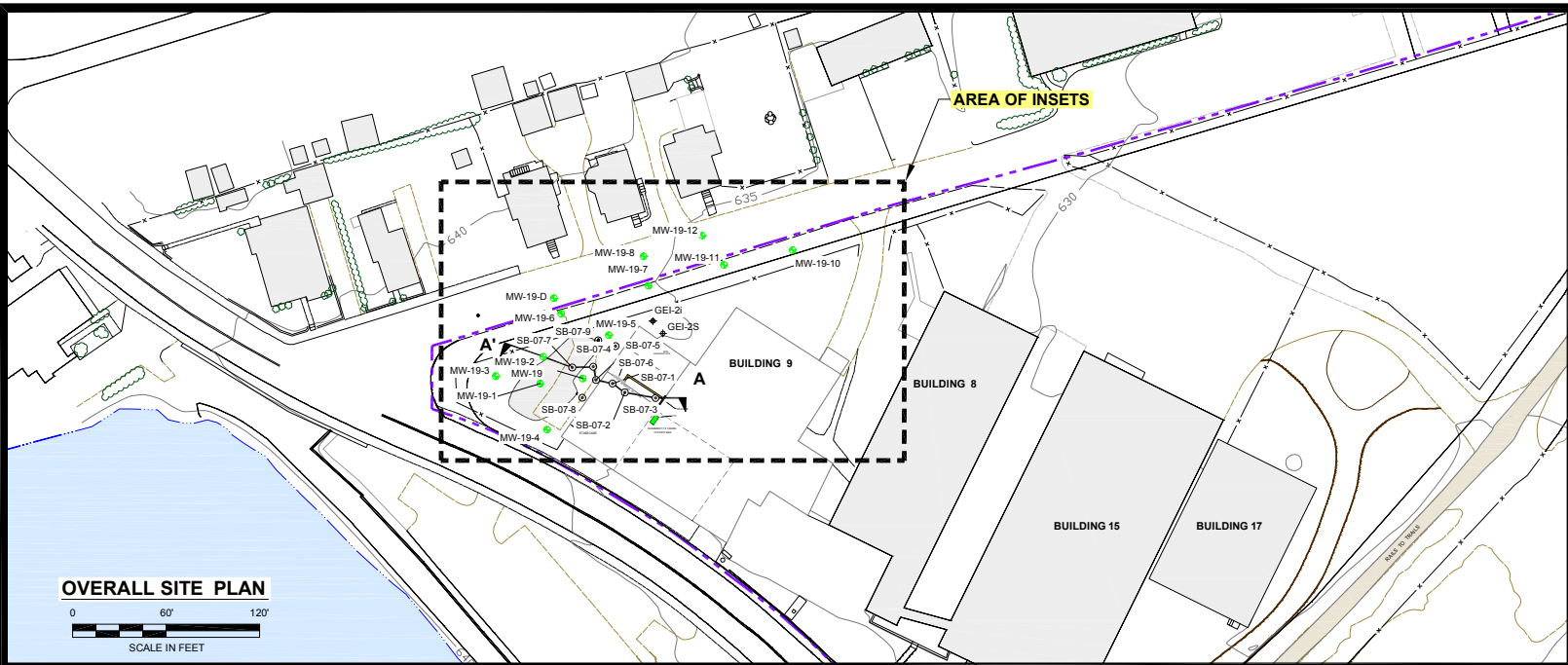
FIGURE NO.	SHEET TITLE
1	TITLE SHEET / DRAWING INDEX
2	PRE-REMEDIATION SITE PLAN
3	PRE-REMEDIATION MW19HS1 CONTAMINANT NATURE AND EXTENT
4	MW19HS1 CONSTRUCTION SITE LAYOUT
5	EAST-WEST CROSS SECTION SHOWING PRE-REMEDIATION EXTENTS OF CONTAMINANTS AND ACTUAL MW19HS1 EXCAVATION LIMITS
6	MW19HS1 EXCAVATION EXTENT AND CONFIRMATORY SOIL SAMPLING LOCATIONS
7	MW19HS1 CONSTRUCTION DETAILS
8	AS-BUILT FINAL GRADE AND END USE PLAN
9	MW19HS1 PROPOSED POST REMEDIATION MONITORING LOCATIONS

DESIGNED BY: S.A.P.	DRAWN BY: S.J.L.	CHECKED BY: D.E.O.	FIGURE 1 TITLE SHEET / DRAWING INDEX	
APPROVED BY: N.J.C.		REVISIONS NO. DATE	DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE	
DANIEL E. OMAN			WHARTON	NEW JERSEY
<i>Daniel E. Oman</i> 7/15/10			RMT, INC. 3754 RANCHERO DRIVE	MICHIGAN 48108
N.J. PROFESSIONAL ENGINEER NO. 246204115700			ANN ARBOR	1 of 9
SCALE: AS INDICATED			DATE: July 2010	DRAWING NO. 6527.44









**LEGEND**

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- MW-19: EXISTING MONITORING WELL LOCATION AND NUMBER
- GEI-21: PIEZOMETER LOCATION
- SB-07-01: RASR SOIL BORING (RMT AUGUST 2007)
- 626: GROUNDWATER ELEVATION CONTOUR (2007)
- 10: ISOCONCENTRATION CONTOUR FOR TOTAL MAXIMUM BTEX (ppm) IN GROUNDWATER (2007)
- ABANDONED PIPE FLOOR CONNECTION BETWEEN 2 FLOOR DRAINS (APPROX. 2ft. WIDE)
- 1994 SOIL EXCAVATION (WESTON)
- VERTICAL EXTENT
- FORMER FLOOR DRAIN
- FORMER PRODUCTION PIT (BASE OF PIT NOT IN CONNECTION WITH SUBSURFACE SOILS BUT RATHER IN BUILDING 9 SUBBASEMENT)
- FORMER UNDERGROUND STORAGE TANK (WESTON 1990 - 1991)
- MAXIMUM AERIAL EXTENT OF RESIDUAL SOURCE AREA
- MINIMUM AERIAL EXTENT OF RESIDUAL SOURCE AREA
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- BORING ID
- TOTAL SVOC'S IN SMEAR ZONE SOIL (mg/kg)
- TOTAL VOC'S IN SMEAR ZONE SOIL (mg/kg)

- NOTES**
- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03 DWG. DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
  - FORMER BUILDING OPERATIONS
    - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
    - BUILDING 8: LAMINATION
    - BUILDING 15 AND 17: INSPECTION, STORAGE, AND DISTRIBUTION
  - LOCATION OF 1994 WESTON SOIL EXCAVATION AND FORMER UST E-3 AND E-4 APPROXIMATED BASED ON HISTORICAL SCALED DRAWINGS.

**FIGURE 3  
PRE-REMEDIAL MW19HS1 CONTAMINANT  
NATURE AND EXTENT**

**DAYCO CORPORATION / L.E. CARPENTER  
SUPERFUND SITE**

WHARTON NEW JERSEY

**RMT, INC.  
3754 RANCHERO DRIVE**

ANN ARBOR MICHIGAN 48108

DESIGNED BY: S.A.P. DRAWN BY: S.J.L. CHECKED BY: D.E.O.  
APPROVED BY: N.J.C. REVISIONS: NO. DATE  
DANIEL E. OMAN

7/15/10  
N.J. PROFESSIONAL ENGINEER NO. 24604115700

SCALE: AS INDICATED DATE: July 2010 DRAWING NO.: 6527.44 SHEET NO.: 3 of 9



Morris County - Soil Erosion & Sediment Control Notes

- All Soil Erosion and Sediment Control Practices will be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey, and will be in place prior to any major soil disturbance, or in their proper sequence and maintained until permanent protection is established.
- Any disturbed area that will be left exposed for more than thirty (30) days and not subject to construction traffic shall immediately receive a temporary seeding. If the season prohibits temporary seeding, the disturbed area will be mulched with straw or hay and tacked in accordance with the New Jersey Standards. See Note 21 below.
- Permanent vegetation is to be established on exposed areas within ten (10) days after final grading. Mulch is to be used for protection until vegetation is established. See Note 22 below.
- Immediately following initial disturbance or rough grading. All critical areas (steep slopes, sandy soils, wet conditions) subject to erosion will receive a temporary seeding in accordance with Note 21 below.
- Temporary Diversion Berms are to be installed on all cleared roadways and easement areas. See the Diversion Detail.
- Permanent seeding and stabilization to be in accordance with the "Standards for Permanent Vegetative Cover for Soil Stabilization Cover." Specified rates and locations shall be on the approved Soil Erosion and Sediment Control Plan.
- The site shall at all times be graded and maintained so that all storm water runoff is diverted to Soil Erosion and Sediment Control facilities.
- All sedimentation structures (silt fence, inlet filters, and sediment basins) will be inspected and maintained daily.
- Stockpiles shall not be located with 50 feet of a floodplain, slope, drainage facility, or roadway. All stockpile bases shall have a silt fence properly entrenched at the toe of the slope.

- A Stabilized Construction Access will be installed, whenever an earthen road intersects with a paved road. See the Stabilized Construction Access detail and chart for dimensions.
- All new roadways will be treated with suitable subbase upon establishment of final grade elevations.
- Paved roadways must be kept clean at all times.
- Before discharge points become operational, all storm drainage outlets will be stabilized as required.
- All dewatering operations must be discharged directly into a sediment filter area. The filter should be composed of a fabric or approved material. See the Dewatering detail.
- All sediment basins will be cleaned when the capacity has been reduced by 50 percent. A clean out elevation will be identified on the plan and a marker installed on the site.
- During and after construction, the applicant will be responsible for the maintenance and upkeep of the drainage structures, vegetation cover, and any other measures deemed appropriate by the District. Said responsibility will end when completed work is approved by the Morris County Soil Conservation District.
- All trees outside the disturbance limit indicated on the subject plan or those trees within the disturbance area which are designated to remain after construction are to be protected with tree protection devices. See the Tree Protection detail.
- The Morris County Soil Conservation District may request additional measures to minimize onsite or off-site erosion problems during construction.
- The Morris County Soil Conservation District must be notified, in writing, at least 72 hours prior to any land disturbance, and a pre-construction meeting held.

20. Topsoil Stockpile Protection

- Apply Ground Limestone at a rate of 90 lbs. per 1000 sq. ft.
- Apply fertilizer (10-20-10) at a rate of 11 lbs. per 1000 sq. ft.
- Mulch stockpile with straw or hay at a rate of 90 lbs. per 1000 sq. ft.
- Apply a liquid mulch binder or tack to straw or hay mulch.
- Properly entrench a silt fence at the bottom of the stockpile.

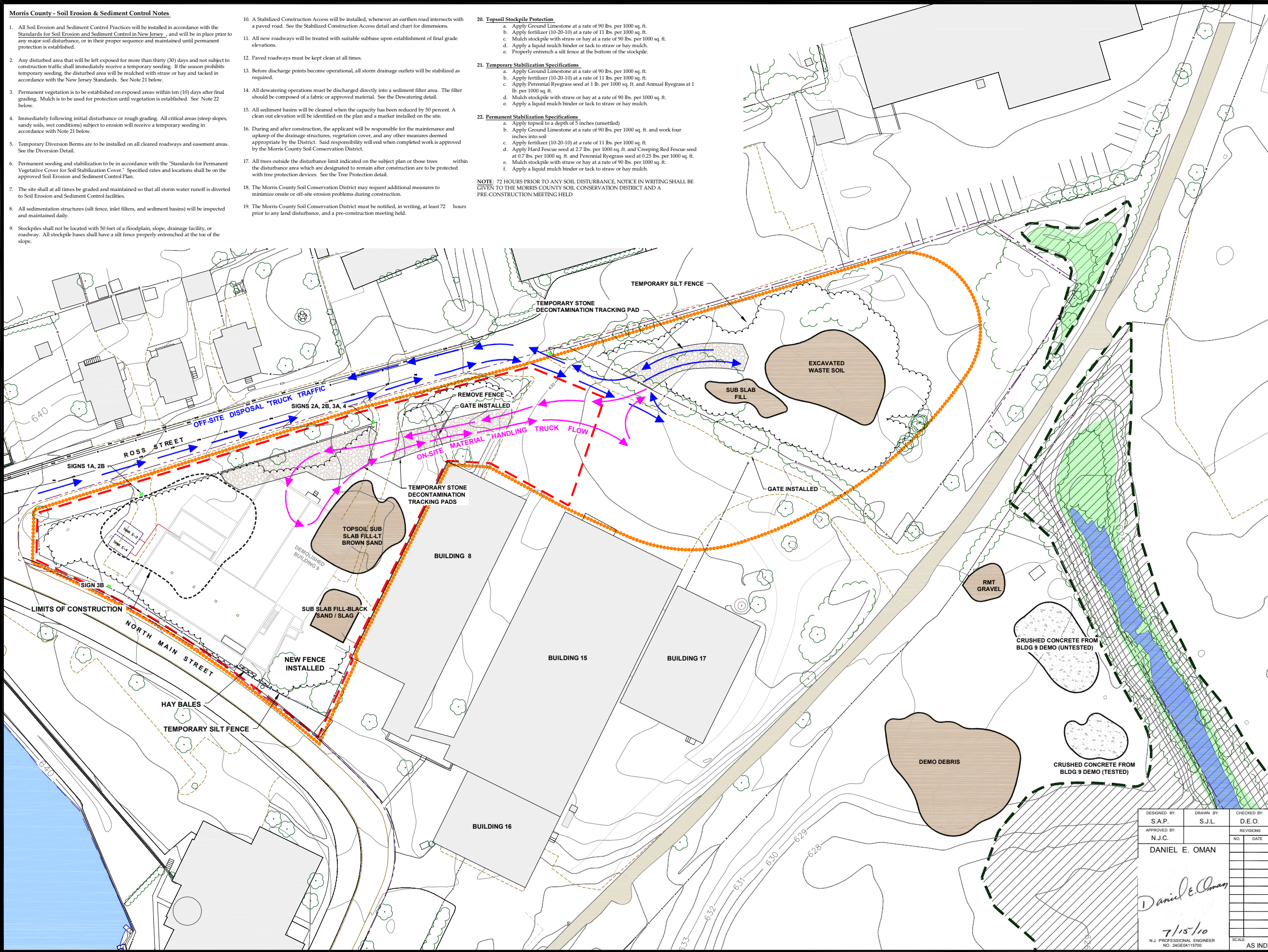
21. Temporary Stabilization Specifications

- Apply Ground Limestone at a rate of 90 lbs. per 1000 sq. ft.
- Apply fertilizer (10-20-10) at a rate of 11 lbs. per 1000 sq. ft.
- Apply Perennial Ryegrass seed at 1 lb. per 1000 sq. ft. and Annual Ryegrass at 1 lb. per 1000 sq. ft.
- Mulch stockpile with straw or hay at a rate of 90 lbs. per 1000 sq. ft.
- Apply a liquid mulch binder or tack to straw or hay mulch.

22. Permanent Stabilization Specifications

- Apply topsoil to a depth of 5 inches (unsettled)
- Apply Ground Limestone at a rate of 90 lbs. per 1000 sq. ft. and work four inches into soil
- Apply fertilizer (10-20-10) at a rate of 11 lbs. per 1000 sq. ft.
- Apply Hard Fescue seed at 2.7 lbs. per 1000 sq. ft. and Creeping Red Fescue seed at 0.7 lbs. per 1000 sq. ft. and Perennial Ryegrass seed at 0.25 lbs. per 1000 sq. ft.
- Mulch stockpile with straw or hay at a rate of 90 lbs. per 1000 sq. ft.
- Apply a liquid mulch binder or tack to straw or hay mulch.

NOTE: 72 HOURS PRIOR TO ANY SOIL DISTURBANCE, NOTICE IN WRITING SHALL BE GIVEN TO THE MORRIS COUNTY SOIL CONSERVATION DISTRICT AND A PRE-CONSTRUCTION MEETING HELD

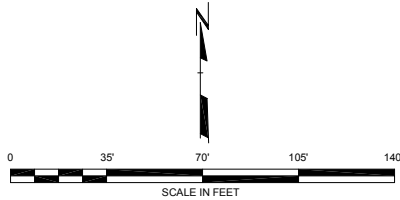


**LEGEND**

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- SANITARY SEWER
- GAS
- REGIONAL STORM SEWER LINE
- WATER
- POST-REMEDIATION GROUND SURFACE ELEVATIONS
- LIMITS OF HEALTH & SAFETY EXCLUSION ZONE
- LIMIT OF DISTURBANCE LINE
- OFF-SITE DISPOSAL TRUCK TRAFFIC
- ON-SITE MATERIAL HANDLING TRUCK FLOW
- SILT FENCE
- NJDEP FLOOD HAZARD BOUNDARY
- RAILS TO TRAILS
- REGULATED WETLAND
- STATE OPEN WATERS
- NJDEP FLOOD HAZARD AREA
- STOCKPILE LOCATION (APPROXIMATE)

**NOTES**

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).



**FIGURE 4**  
**MW19HS1 CONSTRUCTION SITE LAYOUT**

**DAYCO CORPORATION / L.E. CARPENTER**  
**SUPERFUND SITE**

WHARTON NEW JERSEY

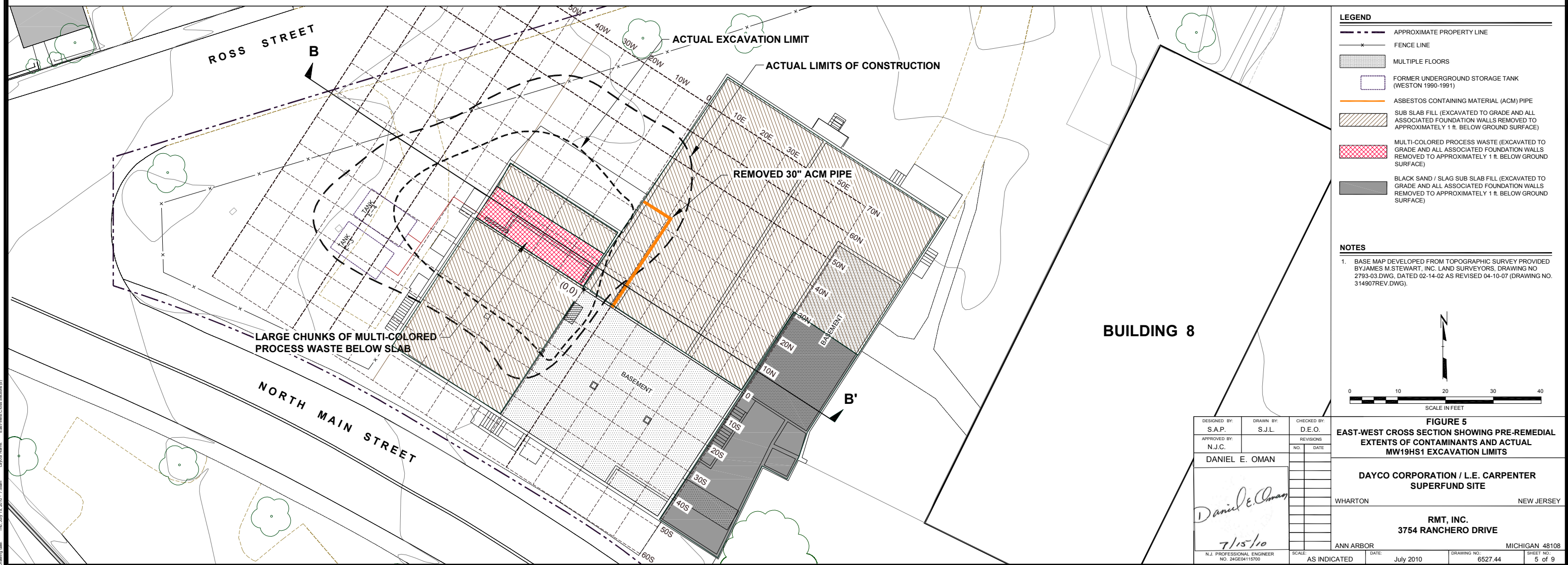
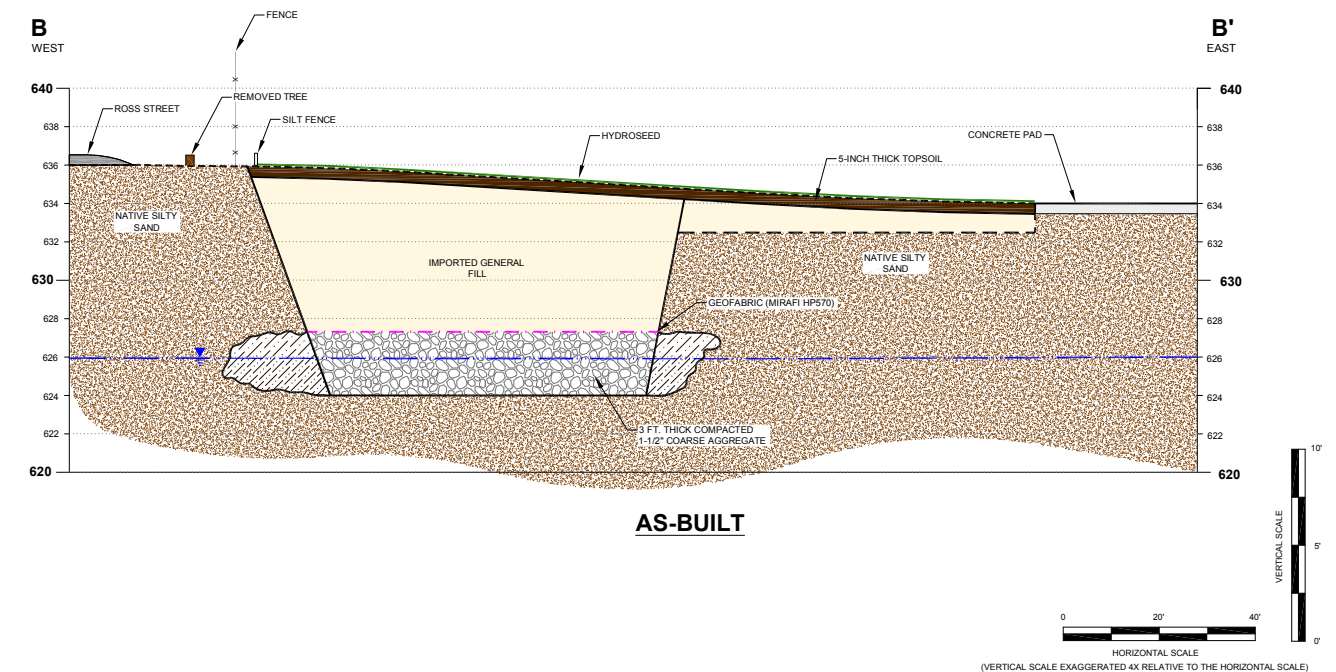
**RMT, INC.**  
**3754 RANCHERO DRIVE**

ANN ARBOR MICHIGAN 48108

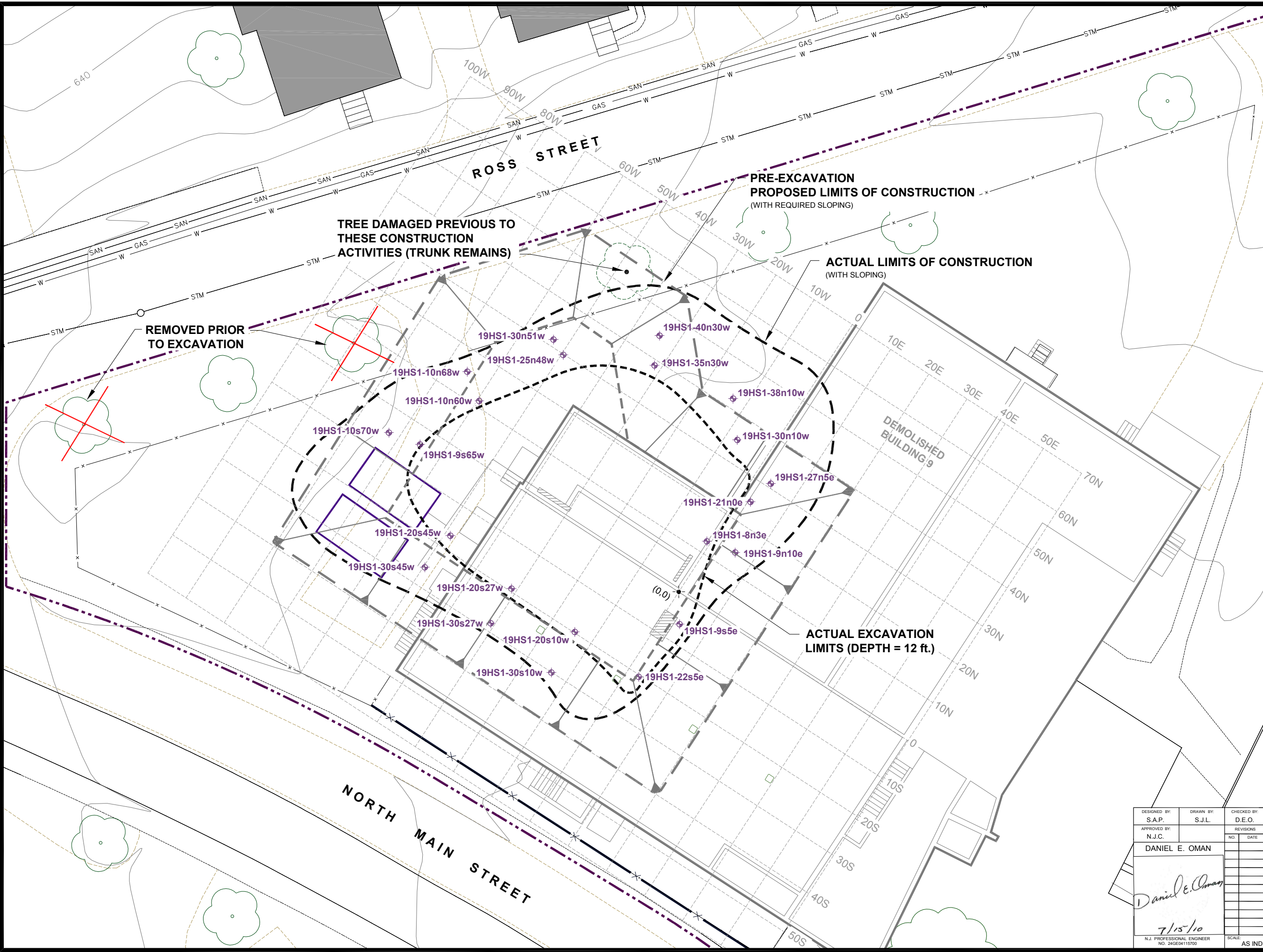
DESIGNED BY:	DRAWN BY:	CHECKED BY:
S.A.P.	S.J.L.	D.E.O.
APPROVED BY:	REVISIONS	
N.J.C.	NO. DATE	
DANIEL E. OMAN		
7/15/10		
N.J. PROFESSIONAL ENGINEER NO. 24604115700		

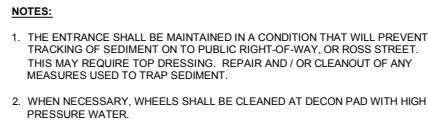
SCALE:	DATE:	DRAWING NO.:	SHEET NO.:
AS INDICATED	July 2010	6527.44	4 of 9



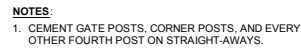




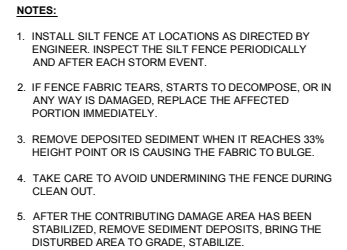





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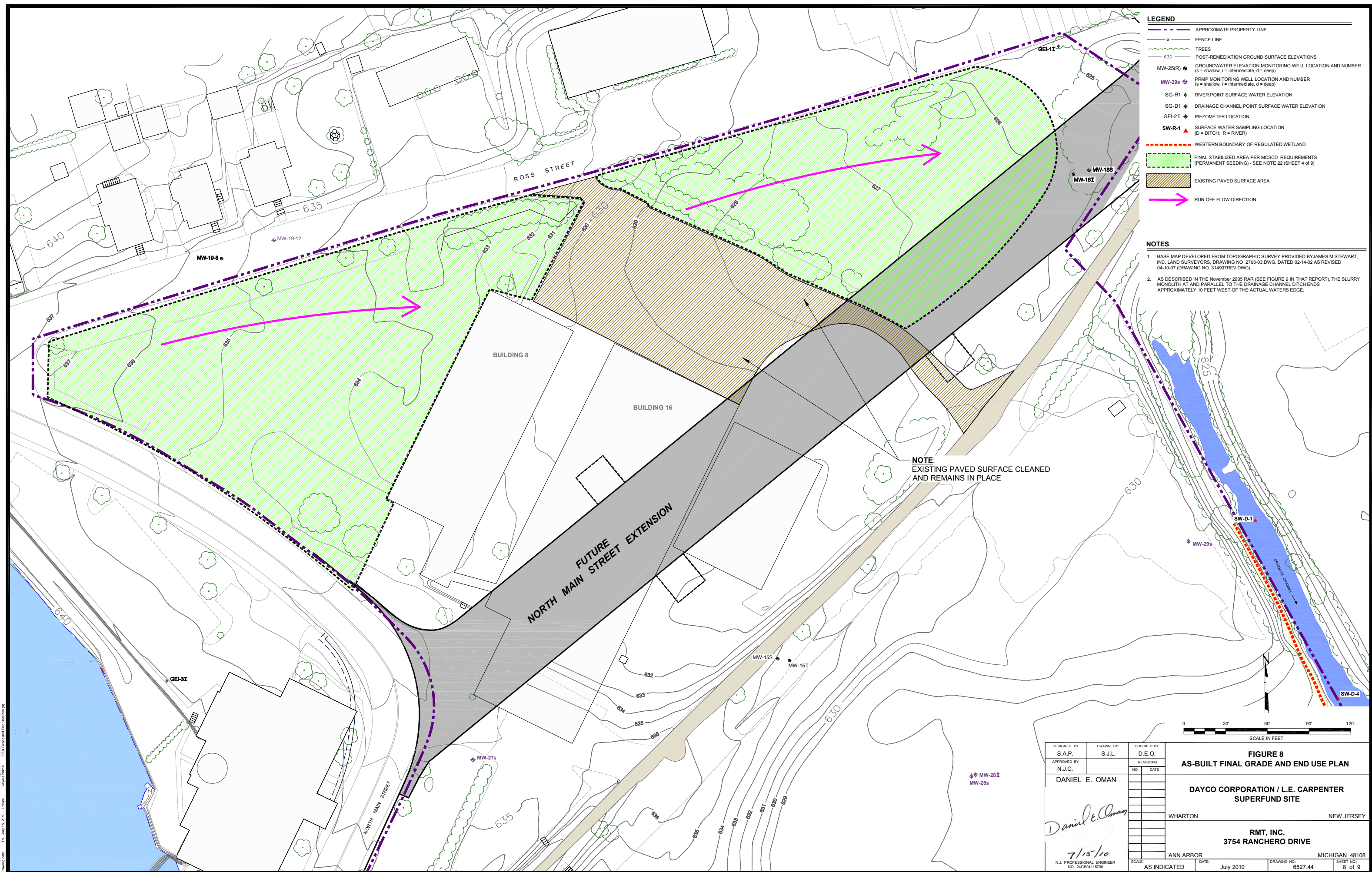
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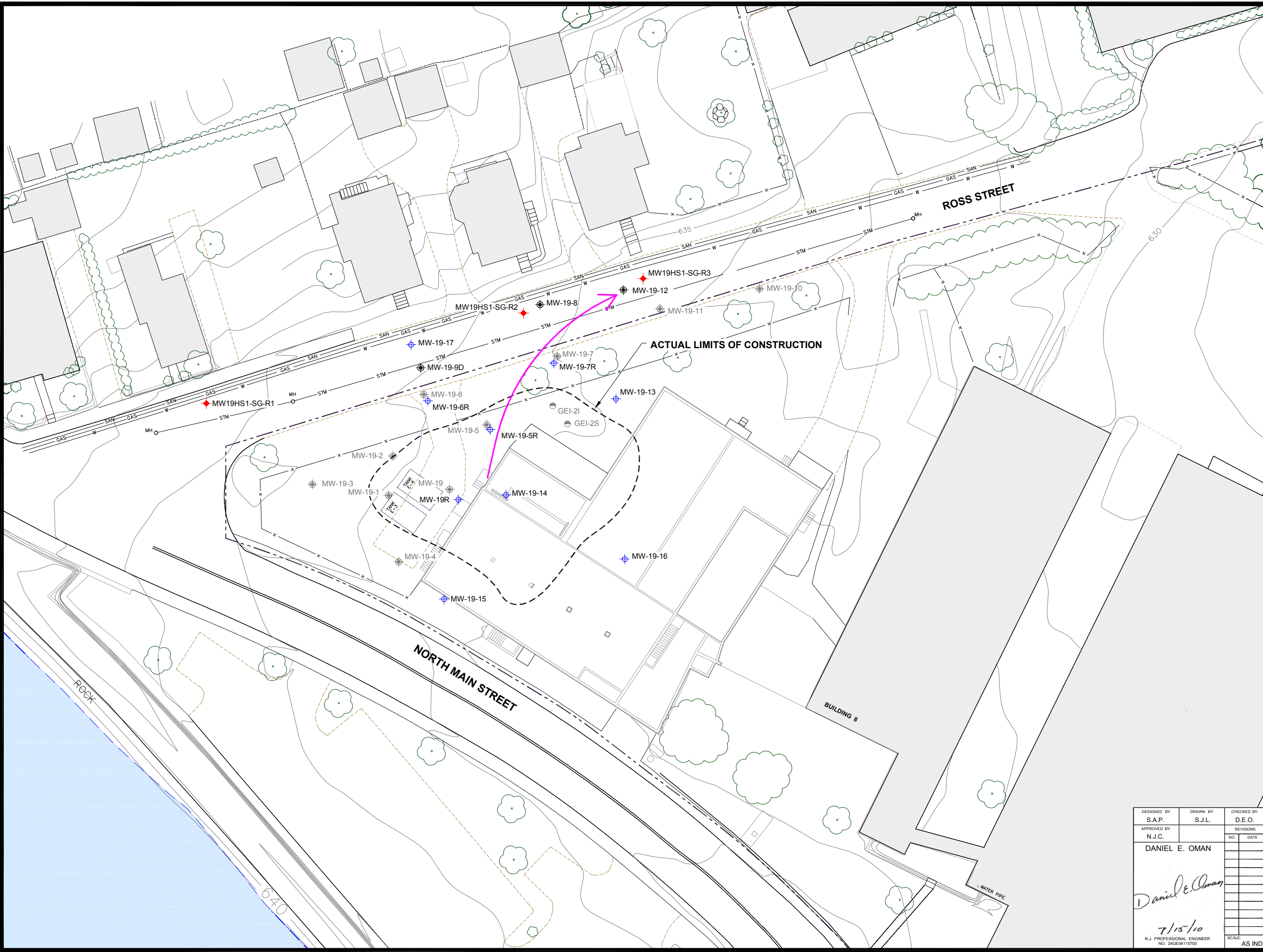


NOT TO SCALE

DESIGNED BY: S.A.P.		DRAWN BY: S.J.L.		CHECKED BY: D.E.O.		FIGURE 7 MW19HS1 CONSTRUCTION DETAILS			
APPROVED BY: N.J.C.		REVISIONS							
DANIEL E. OMAN    7/15/10		NO.	DATE			DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE			
						WHARTONNEW JERSEY			
						RMT, INC. 3754 RANCHERO DRIVE			
						ANN ARBORMICHIGAN 48108			
		N.J. PROFESSIONAL ENGINEER NO. 24GE04115700		SCALE: AS INDICATED		DATE: July 2010		DRAWING NO: 6527.44	





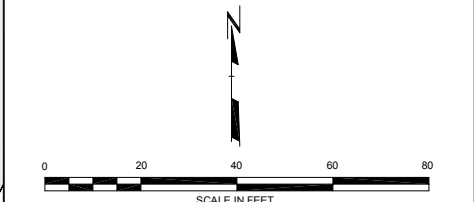


**LEGEND**

- APPROXIMATE PROPERTY LINE
- MW-19-8 MONITORING WELL LOCATION AND NUMBER
- MW-19-10 ABANDONED MONITORING WELL LOCATION AND NUMBER (APRIL 2008)
- GEI-21 PIEZOMETER LOCATION AND NUMBER
- x FENCE LINE
- SAN SANITARY SEWER
- GAS GAS
- STM REGIONAL STORM SEWER LINE
- W WATER
- FORMER UNDERGROUND STORAGE TANK (WESTON 1990-1991)
- MW-19-13 PROPOSED SOIL GAS BORING / MONITORING WELL LOCATION AND NUMBER
- MW19HS1-SG-R1 PROPOSED SOIL GAS BORING LOCATION AND NUMBER
- GROUNDWATER FLOW DIRECTION

**NOTES**

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).



DESIGNED BY: S.A.P.	DRAWN BY: S.J.L.	CHECKED BY: D.E.O.
APPROVED BY: N.J.C.	REVISIONS	
NO. DATE		
DANIEL E. OMAN		
7/15/10		
N.J. PROFESSIONAL ENGINEER NO. 24604115700		

<b>FIGURE 9</b>	
<b>MW19HS1 PROPOSED POST REMEDIATION MONITORING WELL LOCATIONS</b>	
<b>DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE</b>	
WHARTON	NEW JERSEY
<b>RMT, INC.</b>	
<b>3754 RANCHERO DRIVE</b>	
ANN ARBOR	MICHIGAN 48108
SCALE: AS INDICATED	DATE: July 2010
DRAWING NO. 6527.44	SHEET NO. 9 of 9

6527.44.dwg  
J:\05-08527\44\08.dwg  
RMT Operator: JLC  
Print Date: 7/15/10  
Plot Date: 7/15/10  
Plot Name: MW19HS1 Post Remediation (P)



Dayco Corporation/L. E. Carpenter Superfund Site ~ Borough of Wharton, Morris County, NJ  
Master Project Schedule

ID		Task Name	Duration	Start	Finish	2009												2010									
						Qtr 4, 2008 Nov '08 Dec '08	Qtr 1, 2009 Jan '09   eb '0   Mar '09		Qtr 2, 2009 Apr '09 May '09 Jun '09		Qtr 3, 2009 Jul '09  Aug '09 Sep '09		Qtr 4, 2009 Oct '09 Nov '09 Dec '09		Qtr 1, 2010 Jan '10   eb '1   Mar '10		Qtr 2, 2010 Apr '10 May '10 Jun '10		Qtr 3, 2010 Jul '10  Aug '10								
1	✓	SOURCE REDUCTION (Site Soils)	890 days	Fri 4/16/04	Fri 9/14/07																						
12	✓	USEPA ESD (Site Soils)	76 days	Tue 7/10/07	Wed 10/24/07																						
15	✓	POST REMEDIAL MONITORING PLAN [PRMP] IMPLEMENTATION	726 days	Fri 7/1/05	Sat 4/12/08																						
111		QUARTERLY MONITORING AND REPORTING (Groundwater & Surface Water)	1156 days	Mon 2/27/06	Fri 7/30/10																						
154		WETLAND AREA [WHARTON ENTERPRISES] MONITORING AND REPORTING	1441 days	Fri 6/24/05	Thu 12/30/10																						
182		REMEDIAL INVESTIGATIONS (RI)	899 days	Mon 2/27/06	Thu 8/6/09																						
198		USEPA UAO & SOW	339 days	Fri 4/18/08	Thu 8/6/09																						
209		RA WORK PLAN ADDENDUM	253 days	Thu 8/6/09	Fri 7/23/10																						
217		COMMUNITY INVOLVEMENT PLAN (CIP)	244 days	Wed 8/26/09	Fri 7/30/10																						
222		USEPA 5-YEAR REVIEWS	0 days	Thu 10/15/09	Thu 10/15/09																						
224		RA WORK PLAN ADDENDUM IMPLEMENTATION - SOIL REMEDIATION	569 days	Mon 11/17/08	Wed 1/19/11																						
225		MW-30 AOC	233 days	Mon 3/1/10	Wed 1/19/11																						
232		MW19HS1 AOC	450 days	Mon 11/17/08	Fri 8/6/10																						
233	✓	Bldg 9 Demolition	289 days	Mon 11/17/08	Thu 12/24/09																						
234	✓	Pre-Demolition Surveying (Sklar)	2 days	Wed 1/14/09	Thu 1/15/09																						
235	✓	Bldg 9 Demolition Assessment, Abatement & Permitting	268 days	Mon 11/17/08	Tue 11/24/09																						
236	✓	Bldg 9 Demolition	23 edays	Tue 12/1/09	Thu 12/24/09																						
237		Preconstruction Permitting	53 days	Mon 11/2/09	Thu 1/14/10																						
238	✓	SESCP Preparation	34 days	Mon 11/2/09	Thu 12/17/09																						
239	✓	MCSCD SESP review and comment	16 edays	Mon 12/21/09	Wed 1/6/10																						
240	✓	Response to MCSCD SESP Comments	2 days	Wed 1/6/10	Thu 1/7/10																						
241	✓	MCSCD SESP Certification and Permit Issuance	0 days	Thu 1/14/10	Thu 1/14/10																						
242	✓	NJDEP RFA for Construction Stormwater Runoff preparation	3 days	Mon 11/9/09	Wed 11/11/09																						
243	🏠	NJDEP RFA Electronic Submittal and Approval	0 edays	Thu 1/14/10	Thu 1/14/10																						
244		MW19HS1 Soil Remediation	116 days	Mon 1/11/10	Tue 6/22/10																						
245	✓	Phase I	55 days	Mon 1/11/10	Fri 3/26/10																						
246	✓	Mobilization	0 days	Mon 1/11/10	Mon 1/11/10																						
247	✓	General Site Preparations, Logistics, Security, H&S, Equipment Setup	5 days	Mon 1/11/10	Fri 1/15/10																						
248	✓	Install silt fence in main excavation area & initial clearing & grubbing around Bldg 9	2 days	Thu 1/14/10	Fri 1/15/10																						
249	✓	Bldg 9 concrete slab breaking, slab and wall removal	5 days	Mon 1/18/10	Fri 1/22/10																						
250	✓	Remove ACM piping in Bldg 9 sub slab fill	2 days	Thu 1/21/10	Fri 1/22/10																						
251	✓	Sample, remove and stockpile Bldg 9 sub slab fill	3 edays	Wed 1/20/10	Sat 1/23/10																						
252	✓	Install silt fence in main stockpile area, clear and grub, install vehicle tracking pads (main excavation and stockpile area)	4 days	Tue 1/19/10	Fri 1/22/10																						
253	✓	Soil Excavation	11 days	Tue 1/26/10	Tue 2/9/10																						
254	✓🏠	Backfill & Subgrade	6 days	Mon 2/8/10	Wed 2/24/10																						
255	✓	On-Site Stockpile Mgmt & Characterization	25 days	Thu 1/28/10	Wed 3/3/10																						
256	✓	TSDF (CESP) Approval	17 days	Thu 3/4/10	Fri 3/26/10																						
257		Phase II	61 days	Mon 3/29/10	Tue 6/22/10																						
258	✓	Waste Load Out (Soil, Subslab Fill & Process Waste)	15 days	Mon 3/29/10	Fri 4/16/10																						
259	✓	Final Grade and Hydroseed	7 edays	Fri 4/16/10	Fri 4/23/10																						
260	✓	Hydroseed Overspray	1 day	Fri 5/28/10	Fri 5/28/10																						
261	🏠📅	Vegetative cover evlauation (Puch List item No. 1)	0 days	Tue 6/22/10	Tue 6/22/10																						
262	✓	MW19HS1 RAR Addendum	45 edays	Tue 6/22/10	Fri 8/6/10																						

Thu 7/8/10

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

External Milestone

Deadline

- 254

**Backfill & Subgrade**  
Task split due to Tilcon (Borrow Source) delays trucking fill from quarry due to winter weather
- 261

**Vegetative cover evlauation (Puch List item No. 1)**  
Due to heavy precipitation and later drought conditions, the ability to establish vegetative cover in the MW19HS1 area was limited. A second Hydroseed overspray will occur in the fall of 2010 when weather conditions are more advantageous. The completion of the RAR Addendum was driven by identification of this Punch list No. 1 item (45 calendar days).

# MORRIS COUNTY SOIL CONSERVATION DISTRICT

## MAILING ADDRESS:

Morris County Courthouse  
P.O. Box 990  
Morristown, N.J. 07963-0900



## LOCATION ADDRESS:

560 West Hanover Avenue  
Morris Township, N.J.  
Tel: 973-285-2953  
Fax: 973-285-8345  
E-Mail: [www.mcsed.org](http://www.mcsed.org)

In accordance with the "Soil Erosion and Sediment Control Act", Chapter 251, Public Laws of 1975, the Morris County Soil Conservation District hereby certifies the subject plan does conform to the Standards for Soil Erosion and Sediment Control in New Jersey promulgated pursuant to the Act.

Name of Project: MW19/Hot Spot Remediation

Street and Municipality: 170 North Main Street, Wharton Borough

Block: 301 Lot(s): 1 Application No.: 2010-7910

6527-37.16

12/15/09

1/7/10

## MORRIS COUNTY SOIL CONSERVATION DISTRICT

Certification Date: January 27, 2010

Expiration Date: July 27, 2013

  
Chairman or Representative

Member - New Jersey Association of Conservation Districts  
National Association of Conservation Districts

# New Jersey Department of Environmental Protection



**Bureau of Nonpoint Pollution Control**  
**Division of Water Quality**  
**PO Box 029**  
**Trenton, NJ 08625-0029**  
**Phone: (609) 633-7021**  
**Fax: (609) 984-2147**

<b>PI ID #:</b> 515610
<b>Portal ID#:</b> 42125
<b>NJPDES #:</b> NJG0176681
<b>Payment Arrangement:</b> Credit Card
<b>Paid Online:</b> Yes
<b>Paid On:</b> 01/14/2010

This Authorization form is requested to be located at the regulated construction site at all times and be available for inspection by any authorized representative of the New Jersey Department of Environmental Protection. If you have designated an agent, it is your responsibility to notify your agent about this General Permit and its requirements.

## AUTHORIZATION TO DISCHARGE

### 5G3 -Construction Activity Stormwater (GP)

To ensure compliance during the construction activity please print out the Stormwater Construction Permit terms and conditions at [http://www.state.nj.us/dep/dwq/pdf/5g3\\_finalpermit.pdf](http://www.state.nj.us/dep/dwq/pdf/5g3_finalpermit.pdf)

**Facility Name and Address:**

MW19/Hot Spot 1 Remedial Action  
 170 North Main Street  
 Wharton, NJ 07885

**Type of Activity:** Stormwater Discharge General Permit Authorization New

**Owner:**

Ernie Schaub  
 33587 Walker Road  
 Avon Lake, OH 44012

**Operating Entity:**

CARPENTER LE  
 33587 WALKER RD  
 AVON LAKE, OH 44012

*Electronically certified online by the responsible party Ernie Schaub On 01/13/2010.*

Issuance Date	Effective Date of Authorization
01/14/2010	01/14/2010

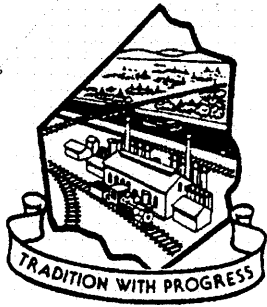
Your Request for Authorization under NJPDES General Permit No. NJG0176681 has been approved by the New Jersey Department of Environmental Protection.

Date: 01/14/2010

Ed Frankel, P.P., Section Chief  
 Bureau of Nonpoint Pollution Control  
 Division of Water Quality  
 New Jersey Department of Environmental Protection

**Soil Conservation District – MORRIS**

560 West Hanover Avenue  
 Morris County Courthouse  
 PO Box 900  
 Morristown, NJ 07960  
 (201) 285-2953



CHICK MORENO  
HOUSING/ZONING OFFICIAL

# BOROUGH OF WHARTON ADMINISTRATIVE OFFICES

10 ROBERT STREET, WHARTON, NJ 07885-1997  
973-361-8444 EXTENSION 21/ Fax: 973-361-5281

## ROAD OPENING PERMIT

DATE: October 6<sup>th</sup>, 2009 PERMIT # ROP-09-05

APPLICANT: RMT, Inc.

ADDRESS: 744 Heartland Trl, P.O. Box 8923, Madison, Wis. 53708

TELEPHONE: 616-975-5415

ROAD OPENING LOCATION: Ross Street

Abandoning of monitoring wells  
in accordance with NJDEP/USEPA

STARTING DATE: October 12<sup>th</sup>, 2009

COMPLETION DATE: October 16<sup>th</sup>, 2009

DOES OPENING COMPLETELY BLOCK ROAD: No

DURATION OF OPENING: Unknown

APPROVED BY:

Pedro R. Moreno

Housing/Zoning Official  
Borough of Wharton

PLEASE NOTE :

**THE BOROUGH HOUSING/ZONING OFFICIAL  
MUST BE NOTIFIED 24 HOURS PRIOR TO THE  
COMMENCEMENT OF WORK ON ALL ROAD  
OPENINGS. PLEASE CALL 973-361-8444 EXT 21.**

## Pawlukiewicz, Scott

---

**From:** Pierre.Patricia@epamail.epa.gov  
**Sent:** Wednesday, December 30, 2009 4:41 PM  
**To:** Clevett, Nicholas  
**Cc:** Rogowski, Amanda; McKenzie, Dave; Ernie.Schaub@Polyone.com; Overvoorde, Jennifer; Pawlukiewicz, Scott  
**Subject:** RE: Comments on September 2009 Addendum to the Remedial Action Work Plan for Source Reduction

Hi Nick:

The responses look good. You may proceed with the work in the MW-19 area. Please make the appropriate changes in the work plan addendum and send me only the revised pages in hard copy (I need to have at least one complete hard copy in the site file), as well as the revised document in electronic form. You can actually wait until the responses to comments on the MW-30 area and QAPP have been submitted and approved before doing this. I will send a formal approval letter on the entire work plan addendum at that time.

Please let me know if you are still on-schedule for beginning sub-slab demo activities next week. Thanks. Happy New Year!

Patricia Simmons Pierre  
Remedial Project Manager  
US Environmental Protection Agency  
Office: (212) 637-3865  
Fax: (212) 637-3966  
email:pierre.patricia@epa.gov

"Clevett,  
Nicholas"  
<Nicholas.Clevett@rmtinc.com>

12/29/2009 01:53  
PM

To  
Patricia Pierre/R2/USEPA/US@EPA  
CC

"Ernie.Schaub@Polyone.com"  
<Ernie.Schaub@Polyone.com>,  
"Overvoorde, Jennifer"  
<Jennifer.Overvoorde@rmtinc.com>,  
"McKenzie, Dave"  
<Dave.McKenzie@rmtinc.com>,  
"Pawlukiewicz, Scott"  
<Scott.Pawlukiewicz@rmtinc.com>,  
"Rogowski, Amanda"  
<Amanda.Rogowski@rmtinc.com>

Subject

RE: Comments on September 2009  
Addendum to the Remedial Action  
Work Plan for Source Reduction

Patricia -

Please find attached our response to the Dec 21st comments regarding the RA Work Plan Addendum. Happy New Year and call with questions.

Nick

Nicholas J. Clevett, Senior Client Service Manager | RMT | 2025 East Beltline Avenue SE Suite 402 Grand Rapids MI 49546 Direct: 616.975-5415 |  
Cell: 616.780-2398 | Fax: 616.975-1098 | CREAT I N G B A L ANCE

-----Original Message-----

From: Pierre.Patricia@epamail.epa.gov  
[mailto: Pierre.Patricia@epamail.epa.gov]  
Sent: Monday, December 21, 2009 1:20 PM  
To: Clevett, Nicholas  
Cc: Ernie.Schaub@Polyone.com; Overvoorde, Jennifer  
Subject: Comments on September 2009 Addendum to the Remedial Action Work Plan for Source Reduction

Greetings to All:

Attached please find EPA's and NJDEP's comments on the subject document. I understand that the demolition contractor expects to complete the above-grade demolition activities for building 9 within the next two weeks. Please let me know if this time frame changes. If there are any questions or concerns regarding the attached comments, please do not hesitate to contact me. Happy Holidays!

(See attached file: RAW Addendum Comments.doc)

Patricia Simmons Pierre  
Remedial Project Manager  
US Environmental Protection Agency  
Office: (212) 637-3865  
Fax: (212) 637-3966  
email: pierre.patricia@epa.gov

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NOTICE--This email may contain confidential and privileged information for the sole use of the intended recipient. Any review or distribution by others is strictly prohibited. If you are not the intended recipient, please contact the sender immediately and delete all copies. [attachment "L000652739\_002.pdf" deleted by Patricia Pierre/R2/USEPA/US]

## Overvoorde, Jennifer

---

**From:** Pierre.Patricia@epamail.epa.gov  
**Sent:** Monday, October 05, 2009 11:43 AM  
**To:** Clevett, Nicholas  
**Cc:** Alvey.Robert@epamail.epa.gov; Overvoorde, Jennifer  
**Subject:** Re: DayCo/LEC - MW19HS1 Well Abandonments

Nick:

We have reviewed the list of monitoring wells presented in Table 9 of the September 2009 RA Work Plan Addendum. These wells are being proposed for abandonment in preparation for the demolition of Building 9. The wells listed in Table 9 are hereby approved for abandonment. If you have any questions regarding this matter, please do not hesitate to contact me. Thank you.

Patricia Simmons Pierre  
Remedial Project Manager  
US Environmental Protection Agency  
Office: (212) 637-3865  
Fax: (212) 637-3966  
email:pierre.patricia@epa.gov

"Clevett,  
Nicholas"  
<Nicholas.Clevett@rmtinc.com>

09/24/2009 12:04  
PM

To  
Patricia Pierre/R2/USEPA/US@EPA  
cc

"Overvoorde, Jennifer"  
<Jennifer.Overvoorde@rmtinc.com>,  
"Dexter, Jim"  
<Jim.Dexter@rmtinc.com>

Subject  
DayCo/LEC - MW19HS1 Well  
Abandonments

Patricia -

I understand you have had a few conversations with Jennifer regarding the demo schedule for Bldg 9. As outlined in the RA Work Plan Addendum Schedule it is tentatively scheduled to



kick off mid Oct 09. With this in mind, can you provide interim [email] approval to abandon those  
MW19HS1 monitoring wells proposed in Figure 17 of the RA Work Plan Addendum in preparation for Bldg 9 demolition? We are in the process of setting up our field schedule and don't want to hinder the demo due to well abandonment issues.

Please call with questions.

Nick

Nicholas J. Clevett, Senior Client Service Manager | RMT | 2025 East Beltline Avenue SE Suite 402 Grand Rapids MI 49546 Direct: 616.975-5415|  
Cell: 616.780-2398 | Fax: 616.975-1098 | CREAT I N G B A L ANCE

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# BOROUGH OF WHARTON ADMINISTRATIVE OFFICES

10 ROBERT STREET, WHARTON, NJ 07885-1997

973-361-8444 EXTENSION 21/ Fax: 973-361-5281

CHICK MORENO  
HOUSING/ZONING OFFICIAL

## TREE REMOVAL - APPLICATION/PERMIT

BLOCK: 301

LOT: 1

ZONE: I-1

NAME: RMT, INC.

ADDRESS: 2025 E. BELTLINE AVE SE, SUITE 402, GRAND RAPIDS MI 49506

TELEPHONE: (616) 915-3604 [cell: SCOTT PAWLKIEWICZ]

LOCATION OF TREE/TREES:

REASON FOR REMOVAL: NEAR PROPOSED EXCAVATION

SIGNATURE: Scott Pawlikiewicz

DATE: 1/11/10

FEE: \$25.00

### BELOW FOR BOROUGH USE ONLY

DATE RECEIVED: 1-11-10

REFERRED TO BOROUGH ENGINEER:

REFERRED TO ENVIRONMENTAL COMMISSION:

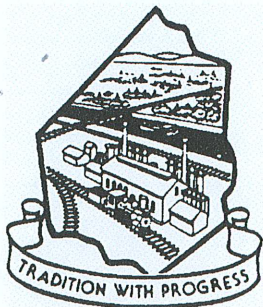
DETERMINATION: OK for removal

Pedro R. Moreno

Pedro R. Moreno  
Housing/Zoning Official

Date: 1-11-10





# BOROUGH OF WHARTON

## ADMINISTRATIVE OFFICES

10 ROBERT STREET, WHARTON, NJ 07885-1997

973-361-8444 EXTENSION 21/ Fax: 973-361-5281

CHICK MORENO  
HOUSING/ZONING OFFICIAL

### TREE REMOVAL – APPLICATION/PERMIT

**BLOCK:** 301                      **LOT:** 1                      **ZONE:** I-1

**NAME:** RMT, Inc.

**ADDRESS:** 170 N Main St, Wharton, NJ

**TELEPHONE:** 616-915-3604

**LOCATION OF TREE/TREES:** Along Ross St, near proposed excavation.

**REASON FOR REMOVAL:** Tree near excavation

**SIGNATURE:** \_\_\_\_\_ **DATE:** 1/11/2010

**FEE:** \$25.00

### BELOW FOR BOROUGH USE ONLY

**DATE RECEIVED:** 1/11/2010

**REFERRED TO BOROUGH ENGINEER:**

**REFERRED TO ENVIRONMENTAL COMMISSION:**

**DETERMINATION:** O.K. for removal

COMPUTER  
Pedro R. Moreno  
COPY

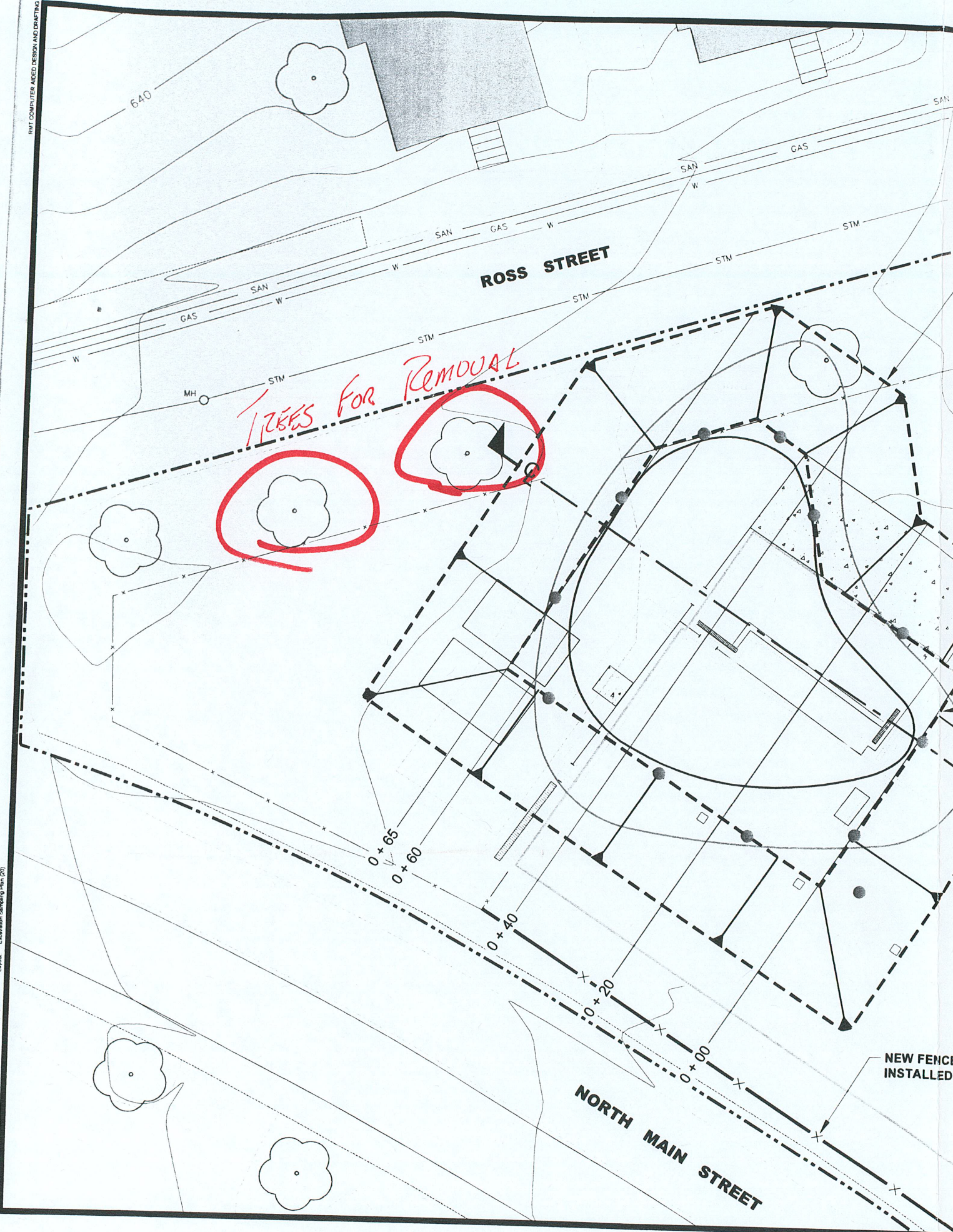
Housing/Zoning Official

Date: 1/11/2010



Drawing Name: J:\66523\66523.dwg  
Operator Name: LUCAS, SAM  
Drawing Plot Scale: 1" = 40'  
Dwg Size: 11.11 MB  
Date: April 2006  
Plot Time: 12:22 PM

Layout: Examination Sampling Plan (2)



# **Health and Safety Plan**

**USEPA ID No. NJD002168748**

**Dayco Corporation /L.E. Carpenter & Company Superfund Site  
Wharton, New Jersey**

**April 2004**

**Revised September 2009**

# **Health and Safety Plan**

**USEPA ID No. NJD002168748**

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Wharton, New Jersey*

**April 2004**

**Revised September 2009**



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# Scope and Applicability

---

This Health and Safety Plan (HSP) has been developed for the Remedial Action Work Plan (RA Work Plan), and subsequent addendums at the Dayco Corporation/L.E. Carpenter & Company Superfund Site (herein “the site”), located in Wharton, New Jersey. The intent of this plan is to establish appropriate health and safety procedures to be followed by RMT, Inc. (RMT) site personnel during site excavation, grading and other remedial action and investigative activities. This plan will be furnished to contractors who must work on-site as information to assist them in developing their own health and safety plan for site work. RMT assumes no liability for the implementation of this plan by subcontractors or other contractors. This plan has been developed specifically for RMT personnel and their work activities at the site.

# Section 1

## Coordination and Responsibility

---

The following Health and Safety Plan (HSP) has been prepared for the Remedial Action Work Plan (RA Work Plan) and subsequent addendums to be performed at the site. This plan is intended to provide a framework for the safe conduct by RMT personnel of the field activities at the site. As such, the plan provides procedures aimed at reducing the potential for accidents from physical hazards, and the potential for exposure to chemical contaminants that may be present in the soil, groundwater, and air.

The Project Manager will not allow work to begin at the site until this HSP has been provided to all RMT field personnel who will be working at the site. Before visiting the work site, personnel must attend a briefing session, to be conducted by the Health and Safety Coordinator (HSC) or a designee, on the potential site hazards and specific requirements of this HSP, including training in the proper function and operations of air monitoring and personal protective equipment. The designated site Health and Safety Representative (HSR) will be the senior field representative continually on site during any site activity and will be responsible for implementing the site-specific HSP during field operations. If there is any question whether an unplanned occurrence on site may compromise health and safety, the HSR has the authority to interrupt operations and to remove all personnel from the area. If work is stopped due to any health and safety concern, immediate attention should be given by health and safety personnel, working in cooperation with the Project Manager, to identify and correct the cause of concern as quickly as possible. Any such incident will be fully documented by the HSR in a report to the HSC and Project Manager. In the event of a work stoppage, the client must be notified as soon as possible, and kept apprised of progress in resolving the incident until normal operations are resumed.

For this, and subsequent, investigation(s), the following organization and responsibilities have been established:

Project Manager/Project Coordinator: Will be responsible for overall project completion

Construction Manager: Will be responsible for matters relating to the completion of site work.

Technical Coordinator: Will coordinate the proper handling and shipping of samples and the related documentation.

Health and Safety Coordinator (HSC): Will be responsible for:

- Having a sound working knowledge of state and federal occupational health and safety regulations;
- Overseeing the implementation of the Health and Safety Program; and
- Informing RMT personnel of the guidelines set forth in the HSP, including the inherent risks of chemical exposure associated the scope of work, and in the use of advanced safety equipment and protective clothing designed to protect against chemical exposure.

Site Health and Safety Representative (HSR): The on-site person appointed by the Project Manager and having:

- Responsibility for the field implementation, evaluation, and any necessary field modifications of this HSP; and
- Authority to suspend work at the site due to non-conformance to, or problems with, the HSP.

The HSR will be responsible for responding to any emergencies following notification or identification of emergency situations. The HSR will:

- Notify appropriate individuals and/or health care facilities of an emergency. Table 7 is a list of emergency telephone numbers that will be posted in the support trailer, in RMT field vehicles, and at the specific site locations as determined by the HSR.
- Maintain appropriate safety equipment at the site: PPE, eyewash station, first aid supplies, potable water supply, and fire extinguishers.
- Have a working knowledge of safety and fire-fighting equipment that is available at the site.
- Keep a map prominently posted at the field office facilities that details the most direct route to the nearest hospital.

The Construction Manager may also serve as the HSR.

# Section 2

## Site Description

---

### 2.1 Introduction

The site is located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). The site comprises Block 301, Lot 1 and Block 801, Lot 3 on the tax map of the Borough of Wharton, and occupies 14.6 acres of vacant land in a mixed-use industrial, commercial, and residential area. The site is bordered to the south by the Rockaway River; by a vacant lot (Wharton Enterprises) to the east-southeast; and by a former compressed gas facility (Air Products) to the northeast. A residential/commercial area borders the site to the northwest (Ross Street) and North Main Street borders the site to the west. A drainage ditch is located between the Air Products property and the site. A pedestrian foot trail (rails-to-trails area), constructed along the former railroad right-of-way, bisects the site from north to south. During active LEC operations, the site consisted of several buildings and structures, some of which were partially demolished during the early 1990's as part of site decommissioning activities. Buildings 8, 9, 15, 16 and 17 located to the west of the rails-to-trails area remain. Figure 2 is a map of the general site plan that depicts individual buildings present at the site and other pertinent site features.

### 2.2 Site Operational History

As outlined below, historical site operations have been subdivided into two categories (1) mining and forging, and (2) vinyl manufacturing.

#### 2.2.1 Mining and Forging Operations

Morris County and the Wharton area has been an iron-mining district since the early 1700's. The earliest known use of the site was as an iron forge, termed the "Washington Forge." The Washington Forge was built in about 1795 and probably used iron ore from deposits in and around the Wharton area. Economically viable iron deposits were discovered at the site, subsequently site operations changed from forging to underground iron mining. According to a New Jersey Department of Labor publication (NJDOLE, 1989), the Washington Forge Mine and West Mount Pleasant Mine are located "in the LEC lot." The NJDOLE report states that the Washington Forge Mine opened in 1868 with the construction of two inclined shafts 20 feet apart on the grounds of the old forge.

The mine was worked until 1875 when it was closed because of the difficulty in handling groundwater seepage into the mine (Bayley, 1910). The mine reportedly opened again in 1879 after a drainage tunnel to the Orchard mine was completed. The Orchard mine was located south across the Rockaway River from the LEC site. The Washington Forge mine was permanently abandoned in 1881. The West Mt. Pleasant Mine connects with the Washington Forge Mine with an inclined access shaft located about 170 feet northeast of the southern-most Washington Forge mineshaft. The iron forge and mining history above shows that transportation of iron ores from various locations in Morris County onto the LEC property occurred over a period of at least 86 years (1795–1881).

### **2.2.2 Vinyl Manufacturing**

The LEC facility was involved in the production of vinyl wall coverings from 1943 to 1987. The making of vinyl wall coverings involves several manufacturing processes that were carried out in the various buildings comprising the site. The first step in the process is referred to as lamination. Lamination involves the bonding of fabric to the vinyl film using a plastisol adhesive in conjunction with heat and pressure. The fabric/film laminate is then coated with a plastisol compound in order to texturize the material in preparation for printing. The printing process involves the application of decorative print patterns and/or protective topcoat finishes. When printing is completed, the product is inspected and packaged for shipment to the consumer.

The manufacturing process involved the generation of liquid waste solvents including xylene and methyl ethyl ketone, waste pigments, and the generation of condensate from fume condensers. Additionally, airborne particulate matter was collected via a dust collector. Non-contact cooling water was discharged into the Rockaway River under a New Jersey Pollution Discharge Elimination System Permit. From 1963 until 1970 LEC disposed of its wastes, including a polyvinyl chloride (PVC) waste material into an unlined on-site impoundment. The facility was originally heated by coal, and later converted to #6 fuel oil.

The active manufacturing of vinyl wall coverings ceased in 1987. Since that time the portion of the site east of the pedestrian trail (former railroad crossing) has been inactive except for remedial and monitoring activities. Access is currently restricted to the area east of the pedestrian trail by a locked gate and an 8-foot high chain-link fence. Some of the buildings west of the pedestrian trail have been subleased as commercial or retail space.

## Figure 1 Site Location Map

**Figure 2 Site Plan**



## Section 3

# Project Description

---

The RA Work Plan, and subsequent addendums, identifies site remediation and characterization activities designed to:

- Eliminate the direct contact exposure pathway for soils exceeding clean criteria for VOCs, SVOCS, lead, and PCBs at the site,
- Reduce the overall mass of soil contamination both in the MW19HS1 and MW-30 Areas of Concern to enhance natural attenuation,
- Identify potential residual source area(s) of organic COCs that could results in discharges to the drainage ditch or the Rockaway River,
- Further characterize and delineate dissolved-phases organic COCs in groundwater in the vicinity of MW-30S,
- Characterize the rate and cause of concentration declines observed in most of the wells on the site.

These activities will be achieved through excavation, removal, and disposal of contaminated soils in addition to the collection of soil, groundwater, and sediment samples. Remediation will include the excavation and grading of contaminated soils identified in the RA Work Plan and the backfill of soils and a topsoil layer to support revegetation of the site.

Methods of operation for each task of the remediation project are discussed in detail in the RA Work Plan. During implementation of these tasks, it is required that all RMT field personnel adhere to the health and safety protocols as specified in the HSP. Additionally, they will maintain an awareness of health and safety issues and will perform work in a safe manner. This involves constant vigilance for unsafe or potentially hazardous conditions or practices and initiation of immediate corrective actions to avoid potentially dangerous conditions or practices.

# Section 4

## Hazard Assessment

### 4.1 Task Hazard Analysis

The following table identifies potential hazards that may be encountered during remedial activities and preventative measures to assure site safety.

**Table 1**  
**Task Hazard Analysis**

FIELD TASK	POTENTIAL HAZARDS	PREVENTATIVE MEASURES
Site Property Line Survey	Heat/Cold stress due to potential hot/cold weather during field activities.  Exposure to lead if conditions are dusty.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  If conditions warrant, apply water to work areas to prevent dust.
Field Screening for Contaminates  Confirmatory Sampling	Increased sound levels and physical hazards due to heavy machinery and/or motor vehicles.  Heat/Cold stress due to potential hot/cold weather during field activities.  Inhalation, ingestion, and/or absorption of contaminants.	Hearing protection will be worn as indicated in Section 4.3.1.  Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  Field personnel will remain upwind of excavation activities whenever possible.  Level D PPE with nitrile gloves will be worn by screening personnel unless it is shown that contaminants are sustained above the action level (as established in Section 5), PPE will be upgraded to Level C.
Installation of Sediment Control Measures	Heat/Cold stress due to potential hot/cold weather during field activities.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.

**Table 1**  
**Task Hazard Analysis**

<b>FIELD TASK</b>	<b>POTENTIAL HAZARDS</b>	<b>PREVENTATIVE MEASURES</b>
	Inhalation, ingestion, and/or absorption of contaminants.	Safe work practice as described in Section 4.3.1.  Wear appropriate PPE.
Excavation and Grading Near River	Increased sound levels and physical hazards due to heavy machinery and/or motor vehicles.  Heat/Cold stress due to potential hot/cold weather during field activities.  Inhalation, ingestion, and/or absorption of contaminants.  Work adjacent to river.	Hearing protection will be worn as indicated in Section 4.3.1.  Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  The work area will be wetted down should dust levels exceed the action level (as established in Section 5). Dust levels to include particulates not otherwise regulated (PNOR), lead and PCB.  Adequate distance from the river will be maintained during all tasks.  Rescue equipment (flotation devices) will be readily available during any activities adjacent to the river. A cellular phone will be carried at all times by a land-based observer.  Safe work practice as described in Section 4.3.1.
General Excavation	Increased sound levels and physical hazards due to heavy machinery and/or motor vehicles.  Heat/Cold stress due to potential hot/cold weather during field	Hearing protection will be worn as indicated in Section 4.3.1.  Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.

**Table 1**  
**Task Hazard Analysis**

<b>FIELD TASK</b>	<b>POTENTIAL HAZARDS</b>	<b>PREVENTATIVE MEASURES</b>
	activities.  Inhalation, ingestion, and/or absorption of contaminants.	The work area will be wetted down should dust levels exceed the action level (as established in Section 5). Dust levels to include particulates not otherwise regulated (PNOR), lead and PCB.  Safe work practice as described in Section 4.3.1.
On-site and Off-site Traffic Control	Heat/Cold stress due to potential hot/cold weather during field activities.  Vehicular Traffic  Inhalation, ingestion, and/or absorption of contaminants.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  Maintain visual contact with vehicle operators.  Prevent the tracking of site soils onto the roadways by cleaning vehicles before exit from CRZ. Wet sweep and return to site any tracks soils or debris.
Abandonment and/or Installation of Monitoring Wells	Heat/Cold stress due to potential hot/cold weather during field activities.  Increased sound levels and physical hazards due to heavy machinery and/or motor vehicles.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  Safe work practice as described in Section 4.3.1.  Hearing protection will be worn as indicated in Section 4.3.1
Installation of Air Sparge System	Heat/Cold stress due to potential hot/cold weather during field activities.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  Safe work practice as described in

**Table 1**  
**Task Hazard Analysis**

<b>FIELD TASK</b>	<b>POTENTIAL HAZARDS</b>	<b>PREVENTATIVE MEASURES</b>
		Section 4.3.1.
Sediment Sampling in Ditch and/or River	Heat/Cold stress due to potential hot/cold weather during field activities.  Inhalation, ingestion, and/or absorption of contaminants.  Work adjacent to river and/or water filled ditch.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  Safe work practice as described in Section 4.3.1.  Use the buddy system. Sampling performed with two personnel.
Repair and Installation of Fencing	Heat/Cold stress due to potential hot/cold weather during field activities.	Heat/Cold stress will be avoided by following procedures outlined in Section 4.3.3-4.3.4.  Safe work practice as described in Section 4.3.1.

## 4.2 Chemical Hazards

A review of the site history (Section 2) and sample analytical data indicates that no conditions immediately dangerous to life or health (IDLH) have been identified or exist on the site. The contamination on the site was detected in on-site soil. There is no known contamination off site. The primary soil contaminants detected were:

- Toluene (National Institute of Occupational Safety and Health (NIOSH) recommended TWA 100 ppm),
- Xylenes (NIOSH TWA 100 ppm),
- Ethyl benzene (NIOSH TWA 100 ppm),
- Lead (NIOSH TWA 0.05 mg/m<sup>3</sup>),
- Bis-(2-ethylhexyl)phthalate (DEHP) a.k.a. Di-sec octyl phthalate (NIOSH TWA .5 mg/m<sup>3</sup>), and
- Polychlorinated biphenyl (PCB) a.k.a. Chlorodiphenyl (NIOSH TWA .001 mg/m<sup>3</sup>).

The highest concentration of lead detected in soil on site is 7,500 ppm, 123 ppm for toluene, and 45 ppm for PCBs. NIOSH assigns an IDLH concentration of 100 mg/m<sup>3</sup> to lead and 5 mg/m<sup>3</sup> to PCBs. The OSHA PEL is 0.05 mg/m<sup>3</sup> for lead and 0.5 mg/m<sup>3</sup> for PCBs. The OSHA PEL for

PNOR is 15 mg/m<sup>3</sup>. Chemical properties and other information concerning lead, PCBs, and particulate matter are provided in **Tables 2, 3, and 4** respectively.

The primary potential routes of exposure are:

- Inhalation of airborne dust containing contaminants.
- Skin absorption through contact with contaminants.
- Ingestion by accidentally transmitting contaminants to the mouth after skin contact with contaminated solids and liquids, or by inhalation of airborne particulates.

Lead, PCB, and particulate matter concentrations are anticipated to be well below the PEL in the breathing zone. A pilot excavation during the first quarter of 2004 was conducted. The results of this testing is included as Table 3 of the RA Work Plan. Air monitoring will be performed to confirm that VOCs PNOR, lead and PCB are below their respective action levels (as established in Section 5). Should dust levels be above the most conservative action level (as established in Section 5), dust control measures such as misting or spraying with water will be employed.

Lead and PCBs can also be absorbed through the skin; therefore dermal exposure to contaminated soils and water will be minimized by standing upwind and wearing Level D personnel protective equipment during field activities. The Site Health and Safety Representative will determine an upgrade in the level of protection.

**Table 2**  
**Chemical Properties of Lead**  
**NIOSH Pocket Guide to Chemical Hazards**

Lead			CAS 7439-92-1
Pb			RTECS <a href="#">OF7525000</a>
Synonyms & Trade Names Lead metal, Plumbum			DOT ID & Guide
Exposure Limits	NIOSH REL*: TWA 0.050 mg/m <sup>3</sup> <a href="#">See Appendix C</a> [*Note: The REL also applies to other lead compounds (as Pb) -- <a href="#">see Appendix C.</a> ]		
	OSHA PEL*: [1910.1025] TWA 0.050 mg/m <sup>3</sup> <a href="#">See Appendix C</a> [*Note: The PEL also applies to other lead compounds (as Pb) -- <a href="#">see Appendix C.</a> ]		
IDLH 100 mg/m <sup>3</sup> (as Pb) See: <a href="#">7439921</a>			Conversion
Physical Description A heavy, ductile, soft, gray solid.			
MW: 207.2	BP: 3164 °F	MLT: 621 °F	Sol: Insoluble
VP: 0 mmHg (approx)	IP: NA		Sp.Gr: 11.34
Fl.P: NA	UEL: NA	LEL: NA	
Noncombustible Solid in bulk form.			
Incompatibilities & Reactivities Strong oxidizers, hydrogen peroxide, acids			
Measurement Methods NIOSH <a href="#">7082</a> , <a href="#">7105</a> , <a href="#">7300</a> , <a href="#">7700</a> , <a href="#">7701</a> , <a href="#">7702</a> , <a href="#">9100</a> , <a href="#">9105</a> ; OSHA <a href="#">ID121</a> , <a href="#">ID125G</a> , <a href="#">ID206</a> See: <a href="#">NMAM</a> or <a href="#">OSHA Methods</a>			
Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: Daily Remove: When wet or contaminated Change: Daily		First Aid ( <a href="#">See procedures</a> ) Eye: Irrigate immediately Skin: Soap flush promptly Breathing: Respiratory support Swallow: Medical attention immediately	
<a href="#">Important additional information about respirator selection</a> <b>Respirator Recommendations</b> NIOSH/OSHA <b>Up to 0.5 mg/m<sup>3</sup>:</b> (APF = 10) Any air-purifying respirator with a high-efficiency particulate filter/(APF = 10) Any supplied-air respirator <b>Up to 1.25 mg/m<sup>3</sup>:</b> (APF = 25) Any supplied-air respirator operated in a continuous-flow mode/(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter <b>Up to 2.5 mg/m<sup>3</sup>:</b> (APF = 50) Any air-purifying, full-facepiece respirator with a high-efficiency particulate filter/(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode/(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter/(APF = 50) Any self-contained breathing apparatus with a full facepiece/(APF = 50) Any supplied-air respirator with a full facepiece <b>Up to 50 mg/m<sup>3</sup>:</b> (APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode <b>Up to 100 mg/m<sup>3</sup>:</b> (APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode <b>Emergency or planned entry into unknown concentrations or IDLH conditions:</b> (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus <b>Escape:</b> (APF = 50) Any air-purifying, full-facepiece respirator with a high-efficiency particulate filter/Any appropriate escape-type, self-contained breathing apparatus			
Exposure Routes inhalation, ingestion, skin and/or eye contact			
Symptoms Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypotension			
Target Organs Eyes, gastrointestinal tract, central nervous system, kidneys, blood, gingival tissue			
See also: <a href="#">INTRODUCTION</a> See ICSC CARD: <a href="#">0052</a> See MEDICAL TESTS: <a href="#">0127</a>			

**Table 3**  
**Chemical Properties of PCBs**  
**NIOSH Pocket Guide to Chemical Hazards**

Chlorodiphenyl (42% chlorine)			CAS 53469-21-9
C6H4ClC6H3Cl2 (approx)			RTECS <a href="#">TQ1356000</a>
Synonyms & Trade Names Aroclor® 1242, PCB, Polychlorinated biphenyl			DOT ID & Guide 2315 <a href="#">171</a>
Exposure Limits	NIOSH REL*: Ca TWA 0.001 mg/m³ <a href="#">See Appendix A</a> [*Note: The REL also applies to other PCBs.]		
	OSHA PEL: TWA 1 mg/m³ [skin]		
IDLH Ca [5 mg/m³] See: <a href="#">53469219</a>			Conversion
Physical Description Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.			
MW: 258 (approx)	BP: 617-691°F	FRZ: -2°F	Sol: Insoluble
VP: 0.001 mmHg	IP: ?		Sp.Gr(77°F): 1.39
Fl.P: NA	UEL: NA	LEL: NA	
Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.			
Incompatibilities & Reactivities Strong oxidizers			
Measurement Methods NIOSH <a href="#">5503</a> ; OSHA <a href="#">PV2089</a> See: <a href="#">NMAM</a> or <a href="#">OSHA Methods</a>			
Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet or contaminated Change: Daily Provide: Eyewash, Quick drench		First Aid ( <a href="#">See procedures</a> ) Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately	
<a href="#">Important additional information about respirator selection</a>			
Respirator Recommendations NIOSH At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having a high-efficiency particulate filter/Any appropriate escape-type, self-contained breathing apparatus			
Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact			
Symptoms Irritation eyes; chloracne; liver damage; reproductive effects; [potential occupational carcinogen]			
Target Organs Skin, eyes, liver, reproductive system			
Cancer Site [in animals: tumors of the pituitary gland & liver, leukemia]			
See also: <a href="#">INTRODUCTION</a> See MEDICAL TESTS: <a href="#">0175</a>			



Table 3 (continued)  
Chemical Properties of PCBs  
**NIOSH Pocket Guide to Chemical Hazards**

Chlorodiphenyl (54% chlorine)			CAS 11097-69-1
C6H3Cl2C6H2Cl3 (approx)			RTECS <a href="#">TQ1360000</a>
Synonyms & Trade Names Aroclor® 1254, PCB, Polychlorinated biphenyl			DOT ID & Guide 2315 <a href="#">171</a>
Exposure Limits	NIOSH REL*: Ca TWA 0.001 mg/m³ <a href="#">See Appendix A</a> [*Note: The REL also applies to other PCBs.]		
	OSHA PEL: TWA 0.5 mg/m³ [skin]		
IDLH Ca [5 mg/m³] See: <a href="#">IDLH INDEX</a>			Conversion
Physical Description Colorless to pale-yellow, viscous liquid or solid (below 50 °F) with a mild, hydrocarbon odor.			
MW: 326 (approx)	BP: 689-734 °F	FRZ: 50 °F	Sol: Insoluble
VP: 0.00006 mmHg	IP: ?		Sp.Gr(77 °F): 1.38
Fl.P: NA	UEL: NA	LEL: NA	
Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.			
Incompatibilities & Reactivities Strong oxidizers			
Measurement Methods NIOSH <a href="#">5503</a> ; OSHA <a href="#">PV2088</a> See: <a href="#">NMAM</a> or <a href="#">OSHA Methods</a>			
Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet or contaminated Change: Daily Provide: Eyewash, Quick drench		First Aid ( <a href="#">See procedures</a> ) Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately	
<a href="#">Important additional information about respirator selection</a>			
Respirator Recommendations NIOSH At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having a high-efficiency particulate filter/Any appropriate escape-type, self-contained breathing apparatus			
Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact			
Symptoms Irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]			
Target Organs Skin, eyes, liver, reproductive system			
Cancer Site [in animals: tumors of the pituitary gland & liver, leukemia]			
See also: <a href="#">INTRODUCTION</a> See ICSC CARD: <a href="#">0939</a> See MEDICAL TESTS: <a href="#">0176</a>			

#### Table 4 Appendix D Substances with No Established RELs

After reviewing available published literature, NIOSH provided comments to OSHA on August 1, 1988, regarding the "Proposed Rule on Air Contaminants" (29 CFR 1910, Docket No. H-020).

In these comments, NIOSH questioned whether the PELs proposed (and listed below) for the following substances included in the Pocket Guide were adequate to protect workers from recognized health hazards:

- acetylene tetrabromide [TWA 1 ppm]
- chlorobenzene [TWA 75 ppm]
- coal dust ( $<5\% \text{SiO}_2$ ) [ $2 \text{ mg/m}^3$  (as the respirable dust fraction)], coal dust ( $\geq 5\% \text{SiO}_2$ ) [ $0.1 \text{ mg/m}^3$  (as the respirable quartz fraction)]
- ethyl bromide [TWA 200 ppm; STEL 250 ppm]
- ethylene glycol [Ceiling 50 ppm]
- ethyl ether [TWA 400 ppm; STEL 500 ppm]
- fenthion [TWA  $0.2 \text{ mg/m}^3$  (skin)]
- furfural [TWA 2 ppm (skin)]
- 2-isopropoxyethanol [TWA 25 ppm]
- isopropyl acetate [TWA 250 ppm; STEL 310 ppm]
- isopropylamine [TWA 5 ppm; STEL 10 ppm]
- manganese tetroxide (as Mn) [TWA  $1 \text{ mg/m}^3$ ]
- molybdenum (soluble compounds as Mo) [TWA  $5 \text{ mg/m}^3$ ]
- nitromethane [TWA 100 ppm]
- m-toluidine [TWA 2 ppm (skin)]
- triethylamine [TWA 10 ppm; STEL 15 ppm]

At that time, NIOSH also conducted a limited evaluation of the literature and concluded that the documentation cited by OSHA was inadequate to support the proposed PEL (as an 8-hour TWA) of  $10 \text{ mg/m}^3$  for alpha-alumina, benomyl, emery, glycerine (mist), graphite (synthetic), magnesium oxide fume, molybdenum (insoluble compounds as Mo), particulates not otherwise regulated, picloram, and rouge.

## 4.3 Physical Hazards

Physical and biological hazards may also pose a risk to site personnel. Construction equipment and utility hazards encountered during remedial activities excavation must be considered.

Heat stress, cold stress, insects, and snakebites, are also hazards with potential for immediate acute effects to personnel. Appropriate work practices and protective measures are addressed in this plan.

### 4.3.1 Construction Safety

The following jobsite safety practices have been condensed from the OSHA Safety and Health Standards Digest - Construction Industry and are to be followed as a minimum by personnel working at the site.

#### *General Requirements*

- a. Each employer will initiate and maintain programs to provide for frequent and regular inspections of the job site, materials, and equipment.
- b. Each employer will instruct their employees in the recognition and avoidance of unsafe conditions and in the regulations applicable to their work environment to control or eliminate hazards or other exposure to illness or injury.
- c. The use of any machinery, tool, material, or equipment that is not in compliance with the applicable requirements is prohibited.

#### *Hand Tools*

- a. Employers shall not issue or permit the use of unsafe hand tools.
- b. Wrenches shall not be used when jaws are sprung to the point that slippage occurs. Impact tools shall be kept free of mushroomed heads. The wooden handles of tools shall be kept free of splinters or cracks and shall be kept tight in the tool.
- c. Electric power operated tools will either be approved double insulated, properly grounded, or used with ground fault circuit interrupters.

#### *Hazard Communication*

- a. The purpose of the hazard communication standard is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees. Transmitting information is accomplished by means of comprehensive hazard communication programs, which include container labeling and other forms of warning, material safety data sheets and employee training.
- b. Employers will develop, implement and maintain a written hazard communication program for their workplaces. Employers will inform their employees of the

availability of the program, including the required list(s) of hazardous chemicals, and material safety data sheets required.

- c. The employer will ensure that each container of hazardous chemicals in the workplace is labeled, tagged or marked with the identity of the hazardous chemical(s) and will show hazard warnings appropriate for employee protection.
- d. Chemical manufacturers and importers shall obtain or develop a material safety data sheet for each hazardous chemical they produce or import. Employers shall have a material safety data sheet for each hazardous chemical that they use.
- e. Employers will provide employees with information and training on hazardous chemicals in their work area at the time of their initial assignment, and whenever a new hazard is introduced into their work area. Employers will also provide employees with information on any operations in their work area where hazardous chemicals are present; and the location and availability of the written hazard communication program, including the required list(s) of hazardous chemicals, and material safety data sheets required by the standard.

#### *Head Protection*

- a. Hard hats will be worn in areas where there is a possible danger of head injuries from impact, flying or falling objects, or electrical shock and burns.
- b. Hard hats for protection against impact and penetration of falling and flying objects shall meet the requirements of ANSI Z89.1-1969.
- c. Hard hats for protection against electrical shocks and burns shall meet the requirements of ANSI Z89.2-1971.

#### *Hearing Protection*

- a. Feasible engineering or administrative controls will be used to protect employees against sound levels in excess of those shown in the following table.
- b. When no sound level-measuring device is available, hearing protection will be used once the noise level reaches a point where field personnel must raise their voice to be heard.
- c. When engineering or administrative controls fail to reduce sound levels within the limits, hearing protection will be provided and used.
- d. Exposure to impulse or impact noise should not exceed 140 dB peak sound pressure level.
- e. In cases where the sound levels exceed the limits, a continuing, effective hearing conservation program will be administered.
- f. Permissible Noise Exposures

**Table 5**  
**Sound Levels**

<b>Duration per day in hours</b>	<b>Sound Level dBA slow response</b>
12	87
11	88
10	88
9	89
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

*Washing Facilities*

- a. Each employer will provide adequate washing facilities for employees engaged in operations involving harmful substances.
- b. Washing facilities will be near the worksite and be equipped to enable employees to remove harmful substances.

*Drinking Water*

- a. An adequate supply of potable water will be provided in places of employment.
- b. Potable drinking water containers will be capable of being tightly closed and be equipped with a tap.
- c. A common drinking cup is prohibited.
- d. Drinking within vehicles within the Exclusion Zone or Contamination Reduction Zone is prohibited. Regular breaks will be given for drinking and eating. All personnel must wash and rinse hands and face before drinking or eating.

*Housekeeping*

- a. Form and scrap lumber with protruding nails and other debris will be kept clear from the work areas.
- b. Combustible scrap and debris will be removed at regular intervals.

- c. Containers will be provided for collection and separation of refuse. Covers will be provided on containers used for flammable or harmful substances.
- d. General waste will be disposed at regular intervals.

#### *Respiratory Protection*

- a. In emergencies, or when feasible engineering or administrative controls are not effective in controlling toxic substances, appropriate respiratory protective equipment will be provided by the employer and will be used.
- b. The Mine Safety and Health Administrative/ National Institute will approve respirators for Occupational Safety and Health or acceptable to the US Department of Labor for the specific contaminant to which the employee is exposed.
- c. Respirators will be appropriate for the hazardous material involved and the extent and nature of the work requirements and conditions.
- d. Employees required to use respirators will be thoroughly trained in use and shall have certification of a current fit test and current respiratory test.
- e. Respirators will be inspected regularly and maintained in good condition.

#### *Eye and Face Protection*

- a. Eye and face protection will be provided when machines or operations present potential eye or face injury.
- b. Eye and face protective equipment will meet the requirements of ANSI Z87.1-1968, "Practice for Occupational and Educational Eye and Face Protection."
- c. Employees involved in welding operations will be furnished with filter lenses or plates of at least the proper shade number.

#### *Fire Protection*

- a. A fire-fighting program is to be followed throughout all phases of the construction work involved. It will provide for effective fire-fighting equipment to be available without delay, and designed to effectively meet fire hazards as they occur.
- b. Fire-fighting equipment will be conspicuously located and readily accessible at all times, periodically inspected, and maintained in operating condition. Each vehicle and piece of heavy equipment must have an accessible fire extinguisher.
- c. Carbon tetrachloride and other toxic vaporizing liquid fire extinguishers are prohibited.

#### *Medical Services and First Aid*

- a. Each employer will ensure the availability of medical personnel for advice and consultation on matters of occupational health.

- b. A person trained to render first aid will be available at the worksite.
- c. First aid supplies recommended by OSHA will be readily available. The kit shall be inspected monthly and refilled as needed.
- d. The telephone numbers of the physicians, hospitals, or ambulances will be conspicuously posted.

#### *Flaggers and Traffic Warning*

- a. When working in the right-of-way of public roads, the Contractor will provide and use signs in accordance with requirements with the Manual on Uniform Traffic Control Devices.
- b. When signs, signals, and barricades do not provide necessary protection on or adjacent to a highway or street, the Contractor will provide flaggers or other appropriate traffic controls.
- c. Flaggers will wear a red or orange warning garment while flagging. Warning garments worn at a night will be of reflectorized material.

#### *Flammable and Combustible Liquids*

- a. Only approved containers and portable tanks will be used for storage and handling of flammable and combustible liquids.
- b. No more than 25 gallons of flammable or combustible liquids will be stored in a room outside of an approved storage cabinet. No more than 60 gallons of flammable or 120 gallons of combustible liquids will be stored in any one storage cabinet. No more than three storage cabinets will be located in a single storage area.
- c. Inside storage rooms for flammable and combustible liquids will be constructed of fire-resistive construction, have self-closing fire doors at all openings, 4-inch sills or depressed floors, a ventilation system that provides at least six air changes within the room per hour, and electrical wiring and equipment approved for Class I, Division I locations.
- d. Storage in containers outside buildings will not exceed 1,100 gallons in any one area. The storage area will be graded to divert possible spills away from building or other exposures, or surrounded by a curb or dike. Storage areas will be located at least 20 feet from any building and free from weeds, debris, and other combustible materials not necessary to the storage.
- e. Flammable liquids will be kept in closed containers when not actually in use.
- f. The Contractor will post conspicuous and legible signs prohibiting smoking in service and refueling areas.

#### *Motor Vehicles and Mechanized Equipment*

- a. Vehicles in use will be checked at the beginning of each shift to assure that parts, equipment, and accessories that affect safe operation are in proper operating condition and free from defects. Defects will be corrected before the vehicle is placed in service.
- b. No employer may use any motor vehicle, earth-moving, or compacting equipment having an obstructed view to the rear unless:
  - The vehicle has a reverse signal alarm distinguishable from the surrounding noise level; or
  - The vehicle is backed up only when an observer signals that it is safe to do so.
- c. Heavy machinery, equipment, or parts which are suspended or held aloft will be substantially blocked to prevent falling or shifting before employees are permitted to work under or between them.

#### *Rollover Protective Structures (ROPS)*

- a. Rollover protective structures (ROPS) applies to the following types of materials handling equipment: to all rubber-tired, self-propelled scrapers, rubber-tired front-end loaders, rubber-tired dozers, wheel-type agricultural and industrial tractors, crawler tractors, crawler-type loaders, and motor graders, with or without attachments, that are used in construction work, which were manufactured after July 1, 1969. This requirement does not apply to side-boom pipe laying tractors.

#### *Mechanical Power Transmission*

- a. Belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts of equipment will be guarded if they are exposed to contact by employees or otherwise constitute a hazard.
- b. Guarding will meet the requirements of ANSI B15.1-1953 (R 1958), "Safety Code for Mechanical Power Transmission Apparatus."

#### *Electrical Installations*

- a. Electrical installations made in accordance with the 1993 National Electric Code are considered to be in compliance with OSHA's electrical standards for construction, except for the following additional requirements:
  - Employers will provide either ground-fault circuit interrupters (GFCIs) or assured equipment grounding conductor program to protect employees from ground-fault hazards at construction sites. The two options are detailed below.
    - 1. All 120-volt, single-phase, 15-and 20-ampere receptacles that are not part of the permanent wiring must be protected by GFCIs. Receptacles on smaller generators are exempt under certain conditions.



2. An assured equipment grounding program covering extension cords, receptacles and cord- and plug-connected equipment must be implemented. The program will include the following:
  - A written description of the program.
  - At least one competent person to implement the program.
  - Daily visual inspections of extension cords and cord- and plug-connected equipment for defects.
  - Continuity test of the equipment grounding conductors of receptacles, extension cords, and cord- and plug-connected equipment. These tests will generally be made every 3 months.
- b. Lamps for general illumination will be protected from breakage, and metal shell sockets will be grounded.
- c. Temporary lights will not be suspended by their cords, unless they are so designed.
- d. Portable lighting used in wet or conductive locations, such as tanks or boilers will be operated at no more than 12 volts or will be protected by GFCIs.
- e. Extension cords will be the three-wire type. Extension cords and flexible cords used with temporary and portable lights will be designed for hard or extra-hard usage (for example, types S, ST, and SO).

#### *Electrical Work Practices*

- a. Employers must not allow employees to work near live parts of electrical circuits, unless the employees are protected by one of the following means:
  - De-energizing and grounding the parts.
  - Guarding the part by insulation.
  - Other effective means.
- b. In work areas where the exact locations of underground electrical power lines is unknown, employees using jack hammers, bars, or other hand tools that may contact the lines must be protected by insulating gloves.
- c. Barriers or other means of guarding will be used to ensure that workspace for electrical equipment will not be used as a passageway during periods when energized parts of equipment are exposed.
- d. Worn or frayed electrical cords or cables cannot be used. Extension cords must not be fastened with staples, hung from nails, or suspended by wire.
- e. Equipment or circuits that are de-energized must be rendered inoperative and will have tags attached at all points where the equipment or circuits could be energized.

#### *Excavating and Trenching*

- a. Before opening any excavation, efforts will be made, including utility company contact, to determine if there are underground utilities installations in the area, and they shall be located and supported during the excavation operations.
- b. The walls and faces of trenches 5 feet or more deep and all excavations, in which employees are exposed to danger from moving ground or cave-in shall be guarded by a shoring system, sloping of the ground, or some other equivalent means.
- c. In excavations which employees may be required to enter, excavated or other material shall be effectively stored and retained at least 2 feet or more from the edge of the excavation.
- d. A competent person shall make daily inspections of excavations. If evidence of possible cave-ins or slides is apparent, all work in the excavation shall cease until the necessary precautions have been taken to safeguard the employees.
- e. Trenches 4 feet deep or more shall have an adequate means of exit such as ladders or steps, located so as to require no more than 25 feet of lateral travel.

#### **4.3.2 Utilities**

Buried utilities must be clearly identified and marked prior to commencement of remedial activities excavation.

Overhead utilities must have brush guards installed if they are within reach or swing of any piece of equipment. Power lines must be grounded dead if excavation is conducted in the area, subject to the following limitations:

- 15 feet radius for power lines up to 250,000 volts
- 20 feet radius for power lines up to 300,000 volts

Absolutely no work may be performed within 15 feet of overhead energized lines.

#### **4.3.3 Heat Stress**

The USEPA Standard Operating Safety Guides (USEPA, 1992) recommend that a heat stress monitoring program be implemented when employees are wearing impervious clothing and ambient temperatures are 70°F or above. The frequency of monitoring should increase as temperatures increase, and employees should be monitored after each work period when ambient temperatures exceed 85°F. Personnel shall use the following monitoring program recommended by the USEPA guide when ambient temperatures exceed 70°F:

Heart Rate (HR) shall be measured by the radial pulse for 30 seconds as early as possible in the resting period. The HR at the beginning of the rest period should not exceed 110 beats per minute. If the HR is higher, the next work period shall be shortened by

10 minutes, while the length of the rest period stays the same. If the pulse rate is 100 beats per minute at the beginning of the next rest period, the following work cycle shall be shortened by another 33 percent.

All personnel shall remain alert to the symptoms of heat stress. The general symptoms include the following:

- Heat Rash - Decreased ability to tolerate heat, chafing clothes.
- Heat Cramps - Muscle spasms and pain in the extremities and abdomen.
- Heat Exhaustion - Shallow breathing; pale, cool, moist skin; profuse sweating; dizziness and lassitude.
- Heat Stroke - Red, hot, dry skin; no perspiration; nausea; dizziness and confusion; strong rapid pulse; coma. Immediate medical assistance must be obtained.

Preventive measures for heat-stress shall include shaded rest areas and ample quantities of cool liquids for worker consumption.

#### **4.3.4 Cold Stress**

Persons working outdoors in low temperatures, especially at or below freezing, are subject to cold stress. Areas of the body that have a high surface area-to-volume ratio, such as fingers, toes, and ears, are the most susceptible to damage.

Protective clothing generally does not afford protection against cold stress. In many instances, it increases susceptibility due to a reduction in wind chill awareness and exposure to lower than perceived ambient temperatures.

Two factors influence the development of cold injury: ambient temperature and the velocity of the wind. Wind chill is used to describe the chilling effect of moving air in combination with low temperature. A copy of the wind-chill chart is included as Table 6.

##### *Frostbite*

Local injury resulting from cold is included in the generic term frostbite.

##### *Symptoms:*

The following symptoms are indicative of frostbite:

- Frost nip is characterized by sudden blanching or whitening of skin.
- Superficial frostbite is characterized by skin that has a waxy or white appearance and that is firm to the touch, but the tissue beneath is resilient.
- Deep frostbite is characterized by tissue that is cold, pale, and solid.

*Treatment:*

Bring the victim indoors, and warm the areas quickly in warm water. **Never** place frostbitten tissue in hot water because the area will have reduced heat awareness and such treatment may result in burns. Give the victim a warm drink. The victim must not smoke. Keep the frozen parts in warm water or covered with warm clothes for 30 minutes. The tissue will be very painful as it thaws. Then, elevate the injured area and protect it from physical injury. Do not allow blisters to be broken. Use sterile, soft, dry material to cover the injured areas.

Keep the victim warm and get immediate medical care.

**DO NOT:**

- Rub the frostbitten part (this may cause gangrene).
- Use ice, snow, gasoline, or anything cold on the frostbitten area.
- Use heat lamps or hot water bottles to warm the frostbitten area.
- Place frostbitten tissue near a hot stove.

**Table 6**  
**Wind-Chill Chart**  
**Cooling Power of Wind on Exposed Flesh Expressed as Equivalent Temperature**  
**(under calm conditions)\***

Estimated Wind Speed (in mph)		Actual Temperature Reading (°F)											
		50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
		Equivalent Chill Temperature (°F)											
calm  5  10  15  20  25  30  35  40		50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
		48	37	27	16	6	-5	-15	-26	-36	-47	-57	-68
		40	28	16	4	-9	-24	-33	-46	-58	-70	-83	-95
		36	22	9	-5	-18	-32	-45	-58	-72	-85	-99	-112
		32	18	4	-10	-25	-39	-53	-67	-82	-96	-110	-121
		30	16	0	-15	-29	-44	-59	-74	-88	-104	-118	-133
		28	13	-2	-18	-33	-48	-63	-79	-94	-109	-125	-140
		27	11	-4	-20	-35	-51	-67	-82	-98	-113	-129	-145
	26	10	-6	-21	-37	-53	-69	-85	-100	-116	-132	-148	
Wind speeds greater than 40 mph have little additional effect		LITTLE DANGER For less than 1 hour with dry skin. Maximum danger of false sense of security.				INCREASING DANGER Danger from freezing of exposed flesh within 1 minute.			GREAT DANGER Flesh may freeze within 30 seconds.				
		Trenchfoot and immersion foot may occur at any point on this chart.											
* Developed by US Army Research Institute of Environmental Medicine, Natick, MA.													

### *Hypothermia*

Systemic hypothermia is caused by exposure to freezing or rapidly dropping temperatures.

### *Symptoms:*

Symptoms are usually exhibited in five stages:

1. Shivering
2. Apathy, listlessness, sleepiness, and (sometimes) rapid cooling of the body to less than 95°F
3. Unconsciousness, glassy stare, slow pulse, and slow respiratory rate
4. Freezing of the extremities
5. Death

*Treatment:*

Keep the victim warm and get immediate medical care.

Generally, field activities should be curtailed if equivalent chill temperature (°F) as defined in Table 6 is below zero (°F) unless the activity is of an emergency nature.

## **4.4 Biological Hazards**

Many of the areas of the site are overgrown with dense underbrush. To access some of the existing monitoring wells and other areas of the site, these areas must be entered. There are several potential hazards that may be encountered. They include the following:

- **Snakes** - Watch for signs of poisonous snakes on the site. In the event that poisonous snakes are observed, site personnel entering overgrown areas shall wear snake chaps or gaiters.
- **Ticks** - It is anticipated that ticks will be a problem at this site. Tick repellent or other appropriate insect repellent will be used. Long sleeves are recommended. Check often for ticks and bites. If bitten, carefully remove tick with tweezers, making certain to remove pincers, and being careful not to crush or squeeze the tick while extracting, as this could infect the wound. After removing tick, wash hands immediately. Disinfect area and dress. If the tick resists extraction or cannot be completely removed, seek medical attention.
- **Other Insects** - Stinging insects such as bees, fire ants, wasps, or yellow jackets are expected to be on-site. Personnel who may have allergic reactions if stung will keep a bee sting kit on-site.
- **Poisonous Plants** - Poison ivy and poison oak may be present at the site. Personnel should avoid contact with these plants.

## Section 5

# Air Monitoring

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Lead and PCBs are non-volatile constituents that have the potential to be inhaled as airborne dust. Airborne particulate concentrations in the breathing zone will be measured using an MIE, Inc., Miniram monitor during excavation activities. This field instrument that senses and measures dust concentrations in the range of 0.01 to 100 mg/m<sup>3</sup>. The Miniram displays the 10-second average concentration on a direct-read liquid crystal display. Measured results will be compared to action levels within this section based on real-time exposure calculations (RTEC) For the purpose of the calculated action limits, through the RTEC method, the more conservative exposure limit between an OSHA PEL, ACGIH TLV® or NIOSH REL will be utilized.

Lead analytical results at the site typically range between 0 ppm and 7,500 ppm. According to the attached RTEC for lead, the action level for an upgrade to Level C PPE or a stop work order will be at 3.3 mg/m<sup>3</sup>. This action level of 3.3 mg/m<sup>3</sup> is a worst-case action level, based on the highest lead analytical result of 7,500 ppm obtained from the site. The particulate action level for PCBs, based on the RTEC method, is greater than 3.3 mg/m<sup>3</sup>, utilizing the maximum concentration found on site of 45 ppm and the NIOSH REL of 0.001 mg/m<sup>3</sup>. Based upon the RTEC of both lead and PCB, lead is the primary constituent of concern since it has the lower action level. Field personnel will remain upwind of field activities to the extent that it is possible. Level D PPE will be worn by field personnel. Should air monitoring show particulate levels to be sustained above the action level (3.3 mg/m<sup>3</sup>) established in this section, the personnel protective equipment will be upgraded to Level C, as defined in Section 6.

While in the exclusion zone, operators, laborers, and contract personnel will wear nuisance dust masks. If dust is present above 3.3 mg/m<sup>3</sup> (the most conservative action level) above the background dust readings, work will cease and the work area will be wetted down. Work will be temporarily discontinued until dust is reduced to acceptable levels within the breathing zone. Should particulate levels above the action levels established in this section be a continual problem, the relevant field personnel will continue fieldwork in Level C PPE, as defined in Section 6.

A Miniram will be in use continuously on at least one piece of heavy machinery during all-invasive or dust producing activities. This instrument will be set to alarm when the action level (3.3 mg/m<sup>3</sup>) is reached and to log the reading at least every 15 minutes.

A second unit will be mobile and will be used to monitor the site at least twice per day and whenever conditions change. A change in conditions includes, but is not limited to:

- Different machinery or techniques being used.
- Different area being worked.
- A 10-degree rise or fall in temperature.
- The cloud cover moves from overcast to sunny or any other variation.
- Rain showers that soak the entire strata being worked do not require additional monitoring.

A photo ionization detector (PID) will be used to monitor for volatile organic compounds (VOCs). One detector will be placed to monitor the breathing zone of the worker most likely to be overexposed. This instrument should be paired with the Miniram monitor. The alarm for the PID should be set at 50 ppm (one half of the TWA). This signals the action level for considering movement to Level C or Level B PPE, as defined in Section 6.

Mobile sampling locations will be determined as follows:

- Determine the wind direction. A computer logging weather station will be used to assist the determining wind direction. A log of hourly weather observations will be kept via computer record.
- A reading of both the Miniram and the PID will be taken at the upwind side of the excavation. This will be used as a background reading.
- A reading will be taken at the property line upwind of the excavation. This will be used as a background reading.
- A reading will be taken approximately 200 feet downwind of the excavation.
- A reading will be taken downwind of the excavation at the property line.
- A reading will be taken approximately 45 degrees offset from each side of the downwind observation at the property line.

If readings indicate that the action level has been reached for a sustainable period of time (at least 15 minutes), a summa canister will be set at the property line downwind of the site activity. This canister will be then analyzed for VOCs of concern at the site. Summa canisters will also be used if the PID does not indicate readings near the action limit, but strong odors are detected at the property line.

An explosive meter will be used whenever an excavation is opened in a xylene-contaminated area. The drawtube will be equipped with a liquid filter and be placed near the liquid surface



interface. If the reading indicates 10% of the LEL for Xylene (corrected from the calibration gas), a vapor suppressant shall be employed.



## Real – Time Exposure Calculation for Particulates

Site Name: L.E. Carpenter                      Prepared by: Karl De Looff  
Location: Site Excavation                      Checked by:

Constituent: Lead

OSHA PEL or  
NIOSH REL                      0.05 mg/m<sup>3</sup>  
(Whichever is LESS)

Safety Factor                      2                      Need approval from a Health and Safety Coordinator  
To use a safety factor less than 2.

Maximum Concentration

Detected at site                      7500 mg/kg

If SF is                      2                      than need to be less than                      .0250                      mg/m<sup>3</sup>                      Lead                      in air

Action Levels for                      Lead

3.3 **mg particulates/m3 air above background:**                      Lead

$$129330/7 = 18476$$

## Real – Time Exposure Calculation for Particulates

Site Name: L.E. Carpenter  
Location: Site Excavation

Prepared by: Karl De Looff  
Checked by:

Constituent	PCB
-------------	-----

OSHA PEL or  
NIOSH REL                      0.001 mg/m<sup>3</sup>  
(Whichever is LESS)

Safety Factor	2	Need approval from a Health and Safety Coordinator to use a safety factor less than 2.
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Maximum Concentration	
Detected at site	45 mg/kg

If SF is 2 Then need to be less than 0.005 mg/m<sup>3</sup> PCB in air.

Action Levels for PCB

11.1 mg particulars/m<sup>3</sup> air above background: PCB

$$129330/7 = 18476$$

## Section 6

# Required Personal Protective Equipment (PPE)

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All personnel shall be provided appropriate personal safety equipment and protective clothing. Each individual shall be properly trained in the use of this safety equipment before the start of field activities. Safety equipment and protective clothing shall be used as specified in this Health and Safety Plan. All such equipment and clothing shall be cleaned and shall be maintained in proper condition by project personnel. Disposable equipment and clothing shall be drummed and properly disposed of off-site. Levels of personal protection and the selection of criteria pertinent to field activities at the site are detailed below.

### 6.1 Levels of Protection for Work Activities

In general, protective clothing must be worn whenever the potential exists for employees to come in contact with, or to be exposed to, contaminated materials. All respiratory protective equipment used will be approved by NIOSH/MSHA.

Work activities will be conducted under Level D or Level C protection based on the most current information available on potential health and safety hazards on the site. If Level B or Level A protection is deemed necessary, modifications of the Work Plan and an extension of the fieldwork schedule may be required.

#### 6.1.1 Level D Protection

Based on an evaluation of the data and information available to date, field personnel will be adequately protected from potential health hazards present using Level D protection. Hence, general fieldwork will be conducted under Level D requirements unless the air sampling results indicate that airborne metal or particulate concentrations are consistently exceeding the PEL in employees' breathing zones.

For tasks that involve little or no potential contact with contaminants, Level D protection will apply. Level D protection for these tasks will consist of the following:

1. Work clothes (under no circumstances will shorts, muscle shirts, or going without a shirt be permitted during any type of remedial activities).
2. Leather steel-toed work boots (no sneakers).
3. Nitrile gloves (required when handling contaminated soils).
4. Hard hat (if overhead hazard present).

5. Options as required:

- Professionally laundered cotton work uniforms or coveralls. The laundry must be notified of the potential contaminants, their levels, and accept the soiled uniforms in writing.
- Disposable outer boots or rubber steel-toed boots
- Hearing protection
- Face shield
- Tyvek coveralls
- Dust mask (in exclusion zone and where needed)

### 6.1.2 Level C Protection

If particulate levels exceeds  $3.3 \text{ mg/m}^3$  in the breathing zone and cannot be controlled by wetting down the area, Level C protection will be required. If VOC levels increase above 50 ppm (half of the PEL for all three VOC constituents on site) and are below 250 ppm (50% of IDLH). Level C requirements include the protective clothing and equipment specified for the various categories of tasks listed under Level D protection plus air-purifying respirators. Each person required to use a respirator must be issued the type and size of respirator as determined by that person's fit test. An air-purifying respirator equipped with appropriate canisters or cartridges (all personnel requiring respiratory protection will be fit tested with the type of respirator to be used in the field).

### 6.1.3 Level B Protection

If the VOC levels increase above 250 ppm. Level B requirements include the protective clothing and equipment specified for the various categories of tasks listed under Level B protection plus positive pressure supplied air respirators. Each person required to use a respirator must be issued the type and size of respirator as determined by that person's fit test.

## 6.2 Changes in Levels of Protection

The HSR may authorize a change in the level of protection based on an evaluation of actual field conditions after consulting with the site superintendent. The HSC must be notified whenever Level B protection is used.

# Section 7

## Standard Operating Safety Procedures and Controls

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### 7.1 General Safety Practices

The following are important personal safety precautions that will be enforced during the investigation(s):

1. Eating, drinking, chewing gum or tobacco, smoking, or any transfer and ingestion of material is prohibited in the contamination reduction zone and the exclusion zone.
2. Hands and face must be thoroughly washed upon leaving the work area and before entering the support zone, eating, drinking, or any other activity.
3. Whenever decontamination procedures for outer garments are in effect, the entire body should be thoroughly washed with soap and water as soon as possible after the protective garment is removed.
4. No facial hair that interferes with the mask-to-face seal is allowed on personnel required to wear respiratory protection equipment.
5. Contact with contaminated surfaces or with surfaces suspected of being contaminated should be avoided. Whenever possible, one should not walk through puddles, mud or other discolored surfaces; kneel on ground; lean, sit, or place equipment on drums, containers, vehicles, or the ground.
6. Medicine and alcohol can potentiate the effect from exposure to toxic chemicals. RMT personnel will be informed of the possible potentiation of effects.
7. Personnel and equipment in the contaminated areas should be minimized, consistent with effective site operations.
8. Work areas for various operational activities must be established.
9. Procedures for leaving the contaminated area must be planned and implemented prior to going to the site. Work areas and decontamination procedures must be established on the basis of prevailing site conditions.
10. Respirators will be cleaned and disinfected after each use.
11. Safety gloves and boots shall be taped to the disposable, chemical-protective suits.
12. All equipment determined to be unsafe or dangerous to operate by the site Health and Safety Representative will be identified by a "DANGER, DO NOT OPERATE" tag, and not operated until repairs are made.

13. Noise mufflers or earplugs will be required for all personnel working around heavy equipment. Disposable, form-fitting plugs or pre-molded plugs are preferred.
14. Cartridges for air-purifying respirators will be changed daily at a minimum.
15. When self-contained breathing apparatus (SCBA) are on-site, they will be inspected daily by the site Health and Safety Representative. The user will inspect before and after each day's work air purifying respirators.
16. Work areas shall be lighted according to minimum illumination presented in Table H-120.1, p. 45670, 29 CFR Part 1910.120.
17. Site excavation shall be sloped or shored in accordance with 29 CFR 1926.650.
18. Areas that are potentially releasing contaminants due to windblown particulate will be wetted down to eliminate this release.
19. Whenever possible, all personnel will be upwind of contaminated areas.
20. Only those personnel deemed essential to completing site work will be allowed on-site. Those persons will remain on site only as long as required in order to complete a work task. On-site refers to the exclusion zone and the contamination reduction zone.

## **7.2 Communications**

Field communications will be facilitated by:

1. The use of small exclusion zones; and
2. Scheduling areas of activity in close proximity.

Site workers when in the exclusion zone must maintain visual contact. If it cannot be maintained, radio communications should be established. As an added precaution, useful hand signals will be incorporated in site safety procedures.

A cellular telephone shall be kept in the possession of the Health and Safety Representative and Field Superintendent, at minimum.

## **7.3 Adherence to Buddy System**

No field operation is without some degree of risk. For this reason, a minimum of two people must be assigned to all task locations and must stay within voice or visual contact at all times. During operations near the river or any open water, one person with a cellular phone must be in visual contact with the operations at all times.

## **7.4 Site Safety and Health Inspections**

On a daily basis or more often, the site Health and Safety Representative or his/her representative will inspect the site, observe work practices and inspect safety equipment to determine the effectiveness of the site Health and Safety Plan. The inspector will make sure on-site RMT personnel are following the general safety practices. Any deficiencies in the effectiveness of the site Health and Safety Plan will be corrected. Such deficiencies will be noted in the inspector's logbook.

If the deficiencies involve the actions (or lack of actions) of on-site RMT personnel, the name(s), date and time, specific actions(s) and corrective actions(s) taken will be recorded in the notebook. If the deficiencies involve specific deficiencies in the Health and Safety Plan, the Plan will be amended and all personnel immediately informed of the amendments and the implications of the amendments.

## **7.5 Confined Space Entry**

Entry into any type of confined space is not expected for this site.



# Section 8

## Site and Security Control

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### 8.1 Site Control

Site control will be established to minimize the potential for exposures to employees and observers on-site, to protect the public from potential on-site hazards, and to prevent vandalism of equipment and materials. An initial task of the project includes the repair of existing fences to restrict access to the site by unauthorized persons. All personnel desiring to enter the site must present:

- Evidence of medical qualifications.
- Initial HAZWOPER training certificate.
- Annual HAZWOPER refresher certificates.
- A valid reason for site access.

The site is restricted to all personnel unless their official duties are necessary to remediate and/or characterize the site. Members of the media, general public, and regulatory agencies that do not require direct access to contaminated areas will be kept off site (preferred) or in the support zone (if official duties warrant).

### 8.2 Work Zones

An exclusion zone, a contamination reduction zone, and a support zone will be established at the site during work operations to prevent the spread of contaminants during the work and to minimize employee exposure to contaminants.

#### 8.2.1 Exclusion Zone

The exclusion zone is the zone where hazardous substances are likely to be present. During field activities at the site areas, all personnel entering this zone must wear the required protective equipment and be currently trained.

#### 8.2.2 Contamination Reduction Zone

The contamination reduction zone is a transition zone between contaminated and clean zones and serves as a buffer to reduce the possibility of the clean zone becoming contaminated.

The contamination reduction zone will be located immediately adjacent to the exclusion zone in an area that is convenient for access.

Field personnel will wear the required personal protection while working in the contamination reduction zone. Protective equipment worn in the contamination reduction zone will be removed according to the procedures presented in Subsection 9.1. Personnel working in this zone must also be current in the training specified in Subsection 12.1.

### **8.2.3 Support Zone**

The support zone is a non-contaminated or clean area. Support equipment (clean protective equipment, supplies, *etc.*) will be located in this zone. Normal work clothing is appropriate in this zone. Personnel who remain in this zone are not required to have received the health and safety training for hazardous waste activities specified in 29 CFR 1910.120. However, they must be aware of the site-specific HSP requirements and standard health and safety procedures.

The location of the support zone and any support facilities will be determined based on the following factors:

- Accessibility
- Support services - electric power supply, roads, drinking water, etc. Vehicles with the Contamination Reduction Zone or Exclusion Zone take on the characteristic of the zone. Eating or drinking within a vehicle within the CRZ or EZ is prohibited.

## **8.3 Site Control**

Site control will be established to minimize the potential for exposures to employees and observers on-site, to protect the public from potential on-site hazards, and to prevent vandalism of equipment and materials. An initial task of the project includes the repair of existing fences to restrict access to the site by unauthorized persons. All personnel desiring to enter the site must present:

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- Annual HAZWOPER refresher certificates.
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The location of the support zone and any support facilities will be determined based on the following factors:

- Accessibility
- Support services - electric power supply, roads, drinking water, etc. Vehicles with the Contamination Reduction Zone or Exclusion Zone take on the characteristic of the zone. Eating or drinking within a vehicle within the CRZ or EZ is prohibited.

Personnel working on site may become contaminated in a number of ways:

1. Inhalation of particulates
2. Skin contact with soils or sludge
3. Walking on contaminated soils
4. Using contaminated instruments or equipment
5. Contact with free product liquids

Protective clothing and respirators protect the wearer from becoming contaminated or inhaling contaminants. Good work practices help reduce the contamination of protective clothing, instruments and equipment.

Even with these safeguards, contamination may occur. Potentially harmful materials may be transferred into clean areas, exposing unprotected persons. In removing contaminated clothing, personnel may come into contact with and/or inhale the contaminants. To prevent such occurrence, decontamination procedures are developed and implemented. Such procedures must be in place before anyone enters the site and must continue (modified as necessary) throughout the period of the site operations. Decontamination involves physically removing contaminants and/or converting them into innocuous substances. How extensive decontamination must be depends upon a number of factors, the most important being the types of contaminants involved. Combining decontamination procedures, the correct removal of personal protective equipment, and the establishing work zones minimizes cross-contamination from protective clothing to wearer, from equipment to personnel, and from one area to another.

In general, decontamination involves scrubbing with an Alconox/water solution followed by clean water rinses. All disposable items will be disposed of in a dry waste drum. Certain parts of contaminated respirators, such as harness assemblies and leather or clothing components, are difficult to decontaminate. If grossly contaminated, they may have to be discarded. Rubber components can be soaked in soap and water and scrubbed with a brush. In addition to being decontaminated, all respirators, non-disposable protective clothing and other personal articles must be sanitized before they can be used if they become soiled from exhalation, body oils and perspiration. The manufacturer's instructions should be followed in sanitizing the respirator masks; sanitizing pads will be provided for this purpose. The HSR will monitor for the proper

maintenance, decontamination and sanitizing of all respirator equipment by RMT site workers. If practical, non-disposable protective clothing should be machine washed after a thorough decontamination; otherwise, it should be cleaned by hand.

Professional laundry facilities can be used for cotton uniforms. Gross contamination of the uniforms should be performed before being sent to a laundry. This may include hand scraping of soil deposits, dipping in alum treated water, or other reasonable measures.

- The decontamination zone layout and procedures should match the prescribed levels of personal protection.
- The previously described work zones will be established and maintained throughout site field activities. The exclusion zone will be the entire excavation area and those zones involved in the handling of contaminated materials or those areas with open excavations until the time sufficient barriers have been placed to prevent contact and excavation hazards. A contamination reduction zone will be designated on-site prior to site work. The following issues will be addressed in setting up these areas and the decontamination requirements:

Site Duties: The duties performed by each individual determines the potential for contact with and, hence, potential for contamination. The contamination reduction zone at the site will be designed for those individuals requiring maximum decontamination. The site Health and Safety Representative will, however, be able to modify the decontamination procedure at his discretion for those individuals who have not been in contact with hazards (observers, *etc.*).

Amount of Contamination: The appearance of visual contamination on a person or a person's protective clothing would require the most thorough decontamination. The site Health and Safety Representative, as well as the individual, should note the occurrence of gross contamination and discuss possible methods of avoiding this contamination in the future.

Putting on personal protective clothing will consist of the following:

- Put on inner gloves and put on coveralls,
- Put on outer gloves
- Put on boots and/or boot covers,
- Secure interfaces with tape, and
- Put on respirator and fit check with the positive and/or negative pressure test (Level C only).

Personal protective clothing removal will consist of the following:

- Remove tape around glove and boot interfaces,

- Remove outer gloves,
- Remove coveralls,
- Remove boot covers and/or boots,
- Remove respirator (Level C only), and
- Remove inner gloves

## Section 9

# Emergency Equipment

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Emergency equipment available on-site shall include:

- First Aid/Bloodborne Pathogen Kits
- Telephone
- Fire Extinguisher.
- Flotation Device (for activities adjacent to the river)

In the event of injury, the emergency shall be handled according to the procedures described in the Emergency Procedures Section. The first aid kits shall be maintained at the control access point between the decontamination and support zones and in support vehicles.

# Section 10

## Emergency and Contingency Procedures

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### 10.1 General Emergency Procedures

In the event of a safety or health emergency at the site, appropriate corrective measures must immediately be taken to assist those who have been injured or exposed and to protect others from hazards. Emergency personnel will be notified of the incident immediately. If necessary, first aid will be rendered.

Emergency telephone numbers are found in Table 7. Copies of Table 7 will be posted and kept in field vehicles.

In the event of an emergency, the following will be conducted:

1. The local ambulance, police, fire department and/or hospital will be notified as soon as possible (see Table 7 for appropriate telephone numbers.)
2. The injured or exposed person or persons will be immediately removed from danger. The site Health and Safety Representative will determine the need to move an injured employee based on the extent of the injury and the extent of the emergency.
3. Affected personnel will be decontaminated and first aid rendered, if necessary.
4. All other personnel on site will be removed from the affected area until the HSR gives the instruction to resume work. Work will not resume until the HSR has determined that it is safe to do so.
5. An incident report will be completed by the HSR by the end of the following shift and copies submitted to the HSC and Project Manager.
6. A formal accident investigation report will be prepared by the HSC within seven days.



**Table 7**  
**Telephone Number List**

AFFILIATION (NAME)	TELEPHONE NUMBER
Project Coordinator/RMT Senior Client Service Manager  Nicholas Clevett	(W) (616) 975-5415 (Cell) (616) 780-2398
RMT Technical Coordinator  Jennifer Overvoorde	(W) (616) 975-5415 (Cell) (616) 915-3685
RMT Corporate Health and Safety Director  Jan Launder	(W) (641) 648-2513 (Cell) (864) 395-0793
<u>Emergency</u>	911
Wharton Police Department Police Chief Anthony Fernandez Wharton Fire Department Fire Chief Jen O'Malley Dorr	(973) 366-1530 (973) 366-0557
<u>Ambulance</u>	911
<u>Hospital</u>  St. Claire 400 W Blackwell St, Dover, NJ 07801	(973) 989-3000
Poison Control Center	(800) 521-6110
National Response Center	(800) 424-8802

Directions to Hospital

See Figure 3 on page 10-5.

## 10.2 Chemical Exposure First Aid

- Injuries from contaminant inhalation can only be treated by qualified physicians. Remove affected personnel to “fresh” air and contact emergency services.
- If the contaminant is on the skin or in the eyes, immediate measures must be taken to counteract its effect. First aid treatment usually involves flooding the affected area with water.

## 10.3 Contingency Procedures

Contingencies are developed for:

- Physical injury
- Chemical exposure
- Heat stress
- Cold stress
- Uncontrolled release or fire
- Physical injuries in the form of sprained ankles or backs, puncture wounds, or broken bones are possible. The preponderance of jagged metal, uneven terrain, construction debris, heavy lifting and encumbered movement due to protective equipment also increases the likelihood of physical injuries.
- Significant chemical exposures are probably less likely to occur due to the conservative precautions already taken in the form of respiratory and skin protection. For chemical injuries, on-site first aid is largely limited to the use of eyewashes. If chemical exposure occurs, the HSR will take immediate steps to determine the chemical agent(s).
- Heat stress incidents are a health concern at the site. Warm temperatures coupled with the use of impermeable protective clothing would make heat stress a distinct possibility. Practical field techniques for heat stress management can vary greatly in sophistication. Determination of pulse rate and oral temperatures may be deemed appropriate in some cases, while modification of traditional work schedules may suffice in others. As a minimum, RMT site personnel will take a break at least every two hours and drink plenty of non-alcoholic fluids if warm temperatures are encountered. An average of one quart per hour over an eight-hour workday is recommended. Personnel experiencing nausea, dizziness, or any other common heat stress symptom should take a break immediately in a cool or shaded area and drink plenty of fluids. If symptoms are not alleviated, medical treatment should be sought.
- Cold stress incidents may be a health concern at the site. If signs of hypothermia or frostbite, as described in Section 4.3.2, are seen, medical treatment should be sought.

- The uncontrolled release of chemical vapors or a fire that threatens site personnel or the public is clearly a worst-case situation that should be anticipated. The most likely cause for evacuation is fire and/or explosion from a spark or chemical reaction, although some scenarios may also include uncontrolled releases of volatile vapors. The potential for fire and/or explosion is considered to be remote due to the non-volatile nature of suspected contaminants encountered during site investigations.

## 10.4 Evacuation Procedures

If conditions on-site result in situations that may warrant the evacuation of the surrounding population, the RMT site Health and Safety Representative will notify the NJDEP, USEPA, the RMT project manager and local emergency authorities. A determination will be made by these authorities on the need for evacuation. The Health and Safety Coordinator will provide input for this decision, if requested.

The following chemical emergency information sources may be used for establishing procedures for site evacuation:

- Coast Guard Chemical Hazards Response Information System (CHRIS). This system consists of four manuals, a computer-assisted hazard-assessment system and Coast Guard technical assistance.
- CHEMTREC System, which has warning and guidance on over 3,600 items classed by chemical and trade name. CHEMTREC can be accessed through its emergency telephone number: **800/424-9300** (483-7616 in Washington, DC). Although the system is specifically oriented toward transport, it is a valuable repository of information for any incident of environmental degradation caused by a specific chemical agent, if known.

The hazards presented by hazardous materials may be either intensified or reduced by local conditions at the site. Weather conditions, fire (actual or potential) or other conditions may require modification of basic monitoring approaches. Such factors may impose additional restrictions on monitoring and cleanup operations by affecting the nature and rate of movement of materials within and beyond the immediate area, the toxicity and reactivity of hazardous substances and the monitor's mobility within the working area.

Wind increases the dispersal of dust, toxic gases, powders and aerosols from the hazardous waste site. Therefore, steps will be taken to minimize the effect of wind dispersal as deemed necessary by the Health and Safety Representative.

Figure 3  
Hospital Routing Map

## St. Clare Hospital Driving Directions

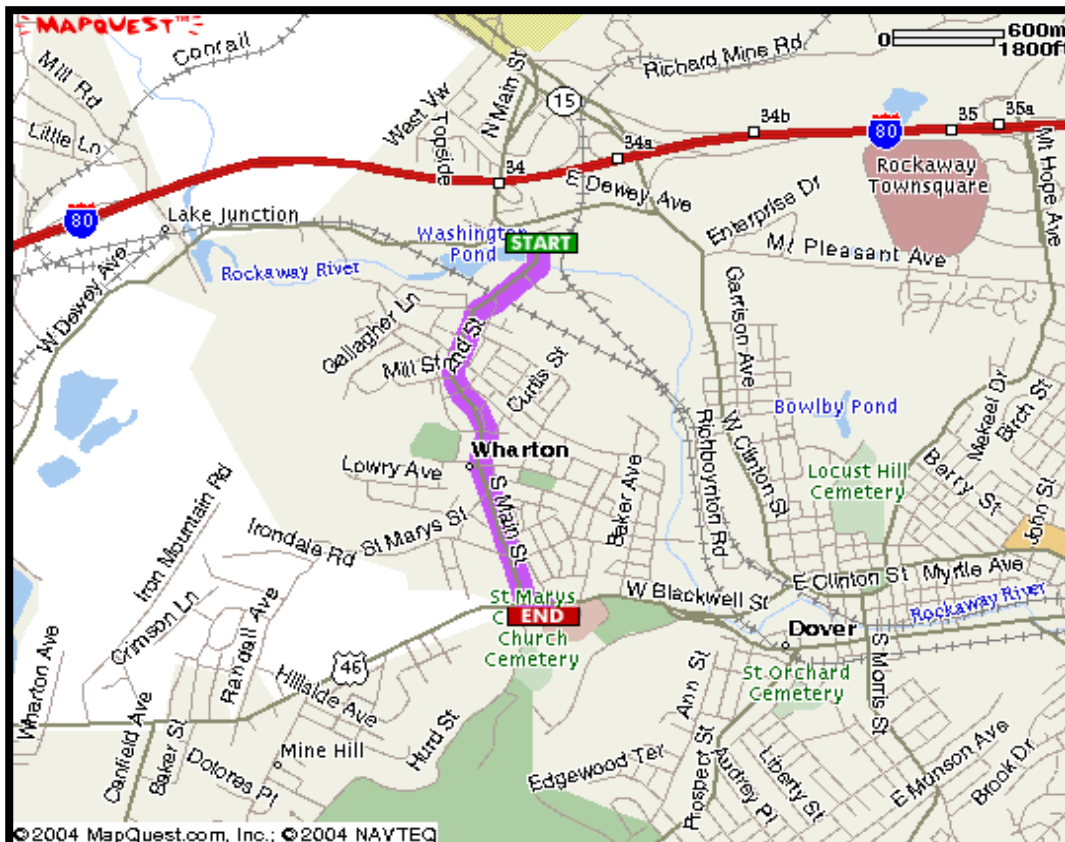
**Driving Directions**   [Print](#) | [E-Mail](#) | [Download to PDA](#) | [Reverse](#) | [New Directions](#)

**START** 170 N Main St, Wharton, NJ 07885-1609 US - [Hotel Offers](#) - [Flight Deals](#)

**END** 400 W Blackwell St, Dover, NJ 07801-2525 US - [Hotel Offers](#) - [Flight Deals](#)

Maneuvers	Distance	Maps
1: Start out going South on N MAIN ST/CR-634 toward HARRY SHUPE BLVD.	1.4 miles	<a href="#">Map</a>
2: Turn LEFT onto US-46.	<0.1 miles	<a href="#">Map</a>
3: End at 400 W BLACKWELL ST DOVER NJ		<a href="#">Map</a>

**Total Est. Time:** 4 minutes      **Total Est. Distance:** 1.47 miles



# Section 11

## Personnel Training

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Training is performed to make personnel:

- Aware of the hazardous aspects of work,
- Aware of the regulations and rules of conduct specific to on-site activities,
- Knowledgeable and comfortable with the safe operating procedures, work practices, and emergency actions established at the site, and
- Confident in knowing how to safely and effectively respond in emergency situations.

Therefore, the training program is a “preventive” measure, which if implemented and enforced, should help reduce employee injury, illness and accidents.

### 11.1 Pre-Entry Briefing

The site specific HSP will be reviewed with RMT personnel prior to their work on-site by the HSR. A health and safety briefing will be held by the HSR in the field prior to site work. Prior to the start of field activities, all subcontract personnel will be informed of the hazards and potential exposures related to the planned activities and the Health and Safety procedures to be followed by RMT on-site personnel. This HSP will be made available to subcontract personnel to assist them in developing their own Health and Safety Plan.

### 11.2 General Training Requirements

Each RMT employee at the site shall have a valid certificate for 40-hour health and safety training as required under OSHA 1910.120, as well as having attended 8-hour annual refresher courses within less than a year.

# Section 12

## Medical Surveillance

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A medical surveillance program has been established to identify, monitor, and minimize health risks for employees potentially exposed to hazardous materials. All field personnel participate in this program, which meets the requirements of OSHA 1910.120. This program includes baseline medical examinations to establish the individual's state of health, baseline physiological data, ability to wear personal protective equipment, and annual physicals.

The protocol for the yearly medical examination will include the following:

- Health history
- Vital signs and physical examination screen
- Pulmonary function
- Hematology survey
- Urinalysis
- Heavy metals screen
- Blood chemistry screen (SMA-20)
- Vision test
- Hearing test

The initial examination may include a maximal stress treadmill exercise test with a 12-point-lead EKG and chest x-ray, in addition to the above annual tests.

Personnel assigned to conduct on-site work tasks must have passed the required medical examination before entering either the contamination reduction or exclusion zone.

Whenever a situation occurs at a site that may pose a significantly increased health risk to any personnel, or personnel exhibit job-related health symptoms, the HSC may recommend that the individual consult with a physician for examination and treatment in accordance with good medical practice.

# Section 13

## Record Keeping

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Logs and reports sufficient to document the implementation and execution of the personnel protection programs shall be maintained by the general contractor for all personnel involved in site activities. This documentation may include medical surveillance files, training files, daily logs and accident reports.

### 13.1 Medical Surveillance

Medical surveillance files for RMT site personnel are maintained in the RMT human resources department. These files document employee participation in the medical surveillance program and fitness to work on hazardous sites.

### 13.2 Training

Documentation of employee training is maintained in the Health and Safety files in the human resources department. These files document employee attendance, level of training and follow-up; or refresher instruction.

### 13.3 Work Logs

The On-site Coordinator shall maintain daily work logs. Copies of daily logs shall be forwarded to the Project Manager or the HSC on request. The daily log shall contain:

- Date,
- Area(s) or site(s) worked,
- List of employees by area and hours exposed,
- Personal protective equipment utilized by employees,
- Results of monitoring tests,
- Description of special or unusual events or incidents, including all first aid treatments not otherwise reportable.

Daily work logs shall be checked by the HSR. Any incident resulting in a work stoppage shall be fully documented in a report prepared by the HSR and submitted to the Project Manager.

## **13.4 Accident Reporting**

In addition to descriptions in the daily log and work stoppage reports, any accident, chemical exposure, or "near-miss" incident shall be investigated, analyzed, and documented in an Incident Report submitted to the Project Manager and HSC. These reports, prepared by the HSR shall contain a full description and analysis of the incident.

First Report of Injury forms shall be completed in the event of an injury or illness.

Formal accident reports shall be prepared for any diagnosed illness or injuries that result in a lost workday or fatality. The accident report shall identify all contributing causes and recommend future hazard control measures to reduce the risk of recurrence.

Persons on site are responsible for reporting all injuries as soon as possible to the HSR.



DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE  
MW19/HOT SPOT 1 REMEDIATION  
DAILY SIGN-IN SHEET

DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
1/11/10	Scott Pawlukiewicz	[Signature]	RMT	0730	1315
1/11/10	Dave McKenzie	[Signature]	RMT	7:30	1315
1/12/10	Scott Pawlukiewicz	[Signature]	RMT	0700	3:30
1/12/10	Dave McKenzie	[Signature]	RMT	7:00	3:30
1/12/10	Desmond Green	[Signature]	DALLAS	2:00	3:30
1/12/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
1/12/10	Carl Farnetti	[Signature]	DALLAS	7:00	3:30
1/12/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
1/12/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
1/13/10	Desmond Green	[Signature]	DALLAS	7:00	1300
1-13-10	Dave McKenzie	[Signature]	DALLAS	7:00	3:30
1-13-10	Scott Pawlukiewicz	[Signature]	RMT	7:00	3:30
1-14-10	Scott Pawlukiewicz	[Signature]	RMT	0700	1530
1/14/10	Carl Farnetti	[Signature]	RMT	0700	3:30
1-14-10	Desmond Green	[Signature]	DALLAS	7:00	3:30
1-14-10	Miguel Gonzalez	[Signature]	DALLAS	7:00	3:30
1-14-10	Clayton	[Signature]	DALLAS	10:1 am	2:35
1-14/10	Allen Ribil	[Signature]	DALLAS	10:1 am	2:35
1-15/10	Carl Farnetti	[Signature]	DALLAS	7:00	3:00
1-15-10	Scott Pawlukiewicz	[Signature]	DALLAS	7:00	3:00
1-15-10	Desmond Green	[Signature]	RMT	0700	3:00
1-15-10	Shane Higgins	[Signature]	Dallas	7:00	5:00
1/18/10	Carl Farnetti	[Signature]	DALLAS	7:00	5:00
1-18-10	Desmond Green	[Signature]	DALLAS	7:00	5:00
1-18-10	Waldemar Furdus	[Signature]	Dallas	7:00	3:30
1-18-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
1-18-10	Josh Deluca	[Signature]	DALLAS	7:00	3:30
1-18-10	Scott Pawlukiewicz	[Signature]	DALLAS	7:00	3:30
1-19/10	Carl Farnetti	[Signature]	RMT	0700	9:00
1-19-10	Waldemar Furdus	[Signature]	DALLAS	7:00	2:30
1-19-10	Tadawn Alkayum	[Signature]	Dallas	7:00	2:30
1-19-10	Shane Higgins	[Signature]	Dallas	4:00	2:30
1-19-10	Desmond Green	[Signature]	DALLAS	7:00	2:30
1-19-10	Scott Pawlukiewicz	[Signature]	Dallas	7:00	2:30
1-19-10	Josh Deluca	[Signature]	RMT	7:00	4:00
1-20-10	Carl Farnetti	[Signature]	DALLAS	7:00	2:30
1-20-10	Waldemar Furdus	[Signature]	DALLAS	7:00	3:30
1-20-10	Tadawn Alkayum	[Signature]	Dallas	7:00	3:30
1-20-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
1-20-10	Desmond Green	[Signature]	DALLAS	7:00	3:30
1-20-10	Josh Deluca	[Signature]	Dallas	7:00	3:30
1-20-10	Scott Pawlukiewicz	[Signature]	DALLAS	7:00	3:30
1-20-10	MILTON RODRIGUEZ	[Signature]	RMT	0700	3:30
1-21-10	Tadawn Alkayum	[Signature]	Dallas	8:00	3:30
1-21-10	Waldemar Furdus	[Signature]	Dallas	8:00	3:30
1-21-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
1-21-10	Josh Deluca	[Signature]	DALLAS	7:00	3:30
1-21-10	Desmond Green	[Signature]	Dallas	7:00	3:30

DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE  
MW19/HOT SPOT 1 REMEDIATION  
DAILY SIGN-IN SHEET

DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
1/21/10	Scott Powerhouse	[Signature]	RMT	0700	1530
1/21/10	Michael Gonzalez	[Signature]	Fejerman	11 am	3:35 pm
1/21/10	Claydon Sauter	[Signature]	Fejerman	11 am	3:31 pm
1/21/10	Carl Francisco	[Signature]	DALLAS	7:00	3:30
1/22/10	Carl Francisco	[Signature]	DALLAS	7:00	3:30
1-22-10	Wald Fungwe	[Signature]	Dallas	7:00	3:30
1-22-10	Josh Delea	[Signature]	Dallas	7:00	3:30
1-22-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
1-22	Desmond Green	[Signature]	Dallas	7:00	3:30
1-22	Scott Powerhouse	[Signature]	RMT	0700	1530
1/22/10	Michael Gonzalez	[Signature]	Fejerman	8:40 am	11:32
1/22/10	Claydon Sauter	[Signature]	Fejerman	8:40 am	11:34
1/22/10	Wald Fungwe	[Signature]	LILCO	8:00	2:00
1/22/10	Josh Delea	[Signature]	LILCO	8:00	2:00
1/23	Carl Francisco	[Signature]	DALLAS	8:00	3:30
1-23-10	Wald Fungwe	[Signature]	Dallas	8:00	3:30
1-23-10	T. Krumm	[Signature]	Dallas	8:00	4:30
1-23/10	J. Delea	[Signature]	Dallas	8:00	4:30
1/23/10	Scott Powerhouse	[Signature]	RMT	0700	1530
1/23/10	Carl Francisco	[Signature]	DALLAS	7:00	3:30
1/23/10	Josh Delea	[Signature]	DALLAS	7:00	3:30
1-23-10	Desmond Green	[Signature]	Dallas	7:00	3:30
1-23-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
1-23-10	Desmond Green	[Signature]	Dallas	7:00	3:30
1-23-10	Scott Powerhouse	[Signature]	RMT	0700	1530
1-23	Carl Francisco	[Signature]	DALLAS	7:00	3:30
1/23/10	Josh Delea	[Signature]	DALLAS	7:00	3:30
1-23-10	Desmond Green	[Signature]	Dallas	7:00	3:30
1/23/10	Scott Powerhouse	[Signature]	RMT	0700	1530
1/23/10	Michael Gonzalez	[Signature]	EPA	0700	1530
1/23/10	Steven Dale	[Signature]	U.S. EPA	0700	1530
1-26	Boyle N. Miller	[Signature]	DALLAS	7:00	3:30
1-27-10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
1-28	Carl Francisco	[Signature]	DALLAS	7:00	3:30
1/28/10	Josh Delea	[Signature]	DALLAS	7:00	3:30
1-28-10	Desmond Green	[Signature]	DALLAS	7:00	3:30
1-28-10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
1-28-10	Scott Powerhouse	[Signature]	RMT	0700	1530
1-28-10	Patricia Pierce	[Signature]	EPA	1:00	1:30 pm
1-28-10	JULIE MCPHERSON	[Signature]	EPA	1:00	1:30 pm
1-28	Boyle N. Miller	[Signature]	DALLAS	8:00	3:30
1-29	Carl Francisco	[Signature]	DALLAS	7:00	3:30
1-29-10	Scott Powerhouse	[Signature]	RMT	0700	1530
1-29/10	Josh Delea	[Signature]	DALLAS	7:00	3:30
1-29-10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
1-29-10	Desmond Green	[Signature]	DALLAS	7:00	3:30
1-29	Boyle N. Miller	[Signature]	DALLAS	7:00	3:30

DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE  
MW19/HOT SPOT 1 REMEDIATION  
DAILY SIGN-IN SHEET

DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
2/1/10	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2/1/10	Scott Pawluczuk	[Signature]	RMT	0700	3:30
2-1-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2/1/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2-1-10	Byron Miller	[Signature]	Dallas	7:00	3:30
2/2/10	Steven Wall	[Signature]	U.S. EPA	1015	1515
2/2/10	Michael Mercado	[Signature]	U.S. EPA	1015	1515
2/2/10	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2-2-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2/2/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2/2/10	Scott Pawluczuk	[Signature]	RMT	0700	3:30
2-2-10	Desmond Glee	[Signature]	Dallas	7:00	3:30
2-2	Byron Miller	[Signature]	Dallas	7:00	3:30
2-2-10	Miroslav Stamenkovic	[Signature]	Lilich corp	8:00	4:30 PM
2-2-10	Mike Burson	[Signature]	Lilich corp	8:00	4:30 PM
2-2-10	Radoslaw Kuc	[Signature]	Lilich corp	8:00	4:30 PM
2-2-10	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2-3-10	Scott Pawluczuk	[Signature]	RMT	0700	3:30
2/3/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2-3-10	Desmond Glee	[Signature]	Dallas	7:00	3:30
2/3-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2-3	Byron Miller	[Signature]	Dallas	7:00	3:30
2-3	Scott Pawluczuk	[Signature]	RMT	0700	3:30
2-4	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2-4-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2-4	Byron Miller	[Signature]	Dallas	7:00	3:30
2/4/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2/4/10	Michael Mercado	[Signature]	USEPA	7:00	3:30
2/4/10	Steven Wall	[Signature]	USEPA	0700	3:30
2/5/10	Scott Pawluczuk	[Signature]	RMT	0700	3:30
2-5	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2-5-10	Desmond Glee	[Signature]	Dallas	7:00	3:30
2/5-10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2/5/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2-8	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2/8/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2/8/10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2/8/10	Desmond Glee	[Signature]	Dallas	7:00	3:30
2/8/10	Scott Pawluczuk	[Signature]	RMT	0700	3:30
2-9	Carl Franzetti	[Signature]	Dallas	7:00	4:00
2/9/10	Scott Pawluczuk	[Signature]	RMT	0700	4:00
2-9-10	Shane Higgins	[Signature]	Dallas	7:00	4:00
2-9-10	Desmond Glee	[Signature]	Dallas	7:00	4:00
2/9/10	Josh Delea	[Signature]	Dallas	7:00	4:00
2/11/10	Carl Franzetti	[Signature]	Dallas	7:00	3:30
2/11/10	Josh Delea	[Signature]	Dallas	7:00	3:30
2/11/10	Shane Higgins	[Signature]	Dallas	7:00	3:30
2/11/10	Desmond Glee	[Signature]	Dallas	7:00	3:30
2/11/10	Scott Pawluczuk	[Signature]	RMT	0700	3:30

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MW19/HOT SPOT 1 REMEDIATION  
DAILY SIGN-IN SHEET

DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
2/12/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	3:30
2/12/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
2/12/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
2/12/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/12/10	Scott Powerline	[Signature]	RMt	07:00	3:30
2/16/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	3:30
2/16/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
2/16/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
2/16/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/16/10	Scott Powerline	[Signature]	RMt	07:00	1745
2/17/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	3:30
2/17/10	Tadawn Thompson	[Signature]	DALLAS	7:00	3:30
2/17/10	Wald Frawley	[Signature]	DALLAS	7:00	3:30
2/17/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
2/17/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
2/17/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/17/10	Scott Powerline	[Signature]	RMt	07:00	3:30
2/18/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	3:30
2/18/10	Wald Frawley	[Signature]	DALLAS	7:00	3:30
2/18/10	Tadawn Thompson	[Signature]	DALLAS	7:00	3:30
2/18/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
2/18/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
2/18/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/18/10	Scott Powerline	[Signature]	RMt	07:00	3:30
2/19/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	3:30
2/19/10	Wald Frawley	[Signature]	DALLAS	7:00	3:30
2/19/10	Tadawn Thompson	[Signature]	DALLAS	7:00	3:30
2/19/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/19/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
2/19/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
2/19/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/19/10	Scott Powerline	[Signature]	RMt	07:00	3:30
2/22/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	4:30
2/22/10	Josh Delca	[Signature]	DALLAS	7:00	4:30
2/22/10	Desmond Green	[Signature]	DALLAS	7:00	4:30
2/22/10	Shane Higgins	[Signature]	DALLAS	7:00	4:30
2/22/10	Scott Powerline	[Signature]	RMt	07:00	4:30
2/23/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	4:30
2/23/10	Shane Higgins	[Signature]	DALLAS	7:00	4:30
2/23/10	Desmond Green	[Signature]	DALLAS	7:00	4:30
2/23/10	Scott Powerline	[Signature]	RMt	07:00	1630
2/24/10	CARL FRANKLIN	[Signature]	DALLAS	7:00	3:30
2/24/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
2/24/10	Desmond Green	[Signature]	DALLAS	7:00	3:30
2/24/10	Scott Powerline	[Signature]	RMt	07:00	3:30

Long-Out

DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
3/30/10	Scott Pawlenty	[Signature]	RMT	0700	1600
3/30/10	Josh Delca	[Signature]	DALLAS	0630	1415
3/30/10	Shane Higgins	[Signature]	DALLAS	700	3:30
3/30/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
3/30/10	Scott Pawlenty	[Signature]	RMT	0630	3:30
3/30/10	Josh Delca	[Signature]	DALLAS	0630	✓
3/31/10	Josh Delca	[Signature]	DALLAS	700	3:30
3/31/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/1/10	Scott Pawlenty	[Signature]	RMT	0700	1600
4/1/10	Josh Delca	[Signature]	DALLAS	700	3:30
4/1/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/1/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/5/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/5/10	Josh Delca	[Signature]	DALLAS	700	3:30
4/5/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/5/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/6/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/6/10	Josh Delca	[Signature]	DALLAS	700	3:30
4/6/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/6/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/7/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/7/10	Josh Delca	[Signature]	DALLAS	7	3:30
4/7/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/8/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/8/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/8/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/8/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/9/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/9/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/9/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/9/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/9/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/9/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/10/10	Scott Pawlenty	[Signature]	RMT	0700	4:00
4/10/10	Josh Delca	[Signature]	DALLAS	7:00	4:00
4/10/10	Shane Higgins	[Signature]	DALLAS	7:00	4:00
4/10/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/11/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/11/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/11/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/11/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/12/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/12/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/12/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/12/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/12/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/13/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/13/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/13/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/13/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/13/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/14/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/14/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/14/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/14/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/14/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/15/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/15/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/15/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/15/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/15/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/16/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/16/10	Scott Pawlenty	[Signature]	RMT	0700	3:30
4/16/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/16/10	Shane Higgins	[Signature]	DALLAS	7:00	3:30
4/16/10	Desmond Grace	[Signature]	Dallas	7:00	3:30
4/17/10	Josh Delca	[Signature]	DALLAS	7:00	3:30
4/17/10	Scott Pawlenty	[Signature]	RMT	0700	3:30

# DAILY SIGN-IN SHEET



DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
4/19/10	Shane Higgins	SHiggins	DALLAS	7:00	3:30
4/19/10	Desmond Greer	DGreer	Dallas	7:00	3:30
4/19/10	Josh Delea	Josh Delea	DALLAS	7:00	3:30
4/20/10	Shane Higgins	SHiggins	DALLAS	7:00	3:30
4/20/10	Desmond Greer	DGreer	Dallas	7:00	3:30
4/20/10	Josh Delea	Josh Delea	DALLAS	7:00	3:30
4/21/10	Scott Fawcett	S Fawcett	KMT	0700	3:30
4/21/10	Josh Delea	Josh Delea	DALLAS	7:00	3:30
4/21/10	Shane Higgins	SHiggins	DALLAS	7:00	3:30
4/22/10	Desmond Greer	DGreer	Dallas	7:00	3:30
4/22/10	Scott Fawcett	S Fawcett	KMT	0700	3:30
4/22/10	Josh Delea	Josh Delea	DALLAS	7:00	3:30
4/22/10	Shane Higgins	SHiggins	DALLAS	7:00	3:30
4/22/10	Desmond Greer	DGreer	Dallas	7:00	3:30
4/23/10	Scott Fawcett	S Fawcett	KMT	0700	1100
4/23/10	Josh Delea	Josh Delea	DALLAS	7:00	3:30
4/23/10	Shane Higgins	SHiggins	DALLAS	7:00	3:30
4/23/10	Desmond Greer	DGreer	Dallas	7:00	3:30



## Photographic Log



<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
<b>Photo No.</b> 1	<b>Date</b> 1/15/09	 <p style="text-align: right; color: red;">PHOTOGRAPH 1</p>	
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior.			
<b>Photo No.</b> 2	<b>Date</b> 1/15/09	 <p style="text-align: right; color: red;">PHOTOGRAPH 2</p>	
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior.			

## Photographic Log

<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
<b>Photo No.</b> 3	<b>Date</b> 1/15/09		
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior.		<b>PHOTOGRAPH 3</b>	
<b>Photo No.</b> 4	<b>Date</b> 1/15/09		
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior.		<b>PHOTOGRAPH 4</b>	



## Photographic Log

<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
<b>Photo No.</b> 5	<b>Date</b> 1/15/09		
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior showing stairway to second floor.			

## Photographic Log

<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
<b>Photo No.</b> 7	<b>Date</b> 1/15/09		
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor pit.		<p style="text-align: right; color: red;">PHOTOGRAPH 7</p>	
<b>Photo No.</b> 8	<b>Date</b> 1/15/09		
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior RMT 2007 RASR soil borings.		<p style="text-align: right; color: red;">PHOTOGRAPH 8</p>	



## Photographic Log

<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
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<b>Photo No.</b> 9	<b>Date</b> 1/15/09	 <p style="text-align: right; color: red; font-weight: bold;">PHOTOGRAPH 9</p>
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior showing the former trench and drain.		


  

<b>Photo No.</b> 10	<b>Date</b> 1/15/09	 <p style="text-align: right; color: red; font-weight: bold;">PHOTOGRAPH 10</p>
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior showing the former trench and drain.		

## Photographic Log

<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
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<b>Photo No.</b> 11	<b>Date</b> 1/15/09	 <p style="text-align: right; color: red; font-weight: bold;">PHOTOGRAPH 11</p>
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 first floor interior showing the former basement shaft.		


<b>Photo No.</b> 12	<b>Date</b> 1/15/09	 <p style="text-align: right; color: red; font-weight: bold;">PHOTOGRAPH 12</p>
<b>Description</b> Pre-Demolition Survey; Photograph of the Building 9 basement.		




## Photographic Log

<b>Client Name:</b> PolyOne Corporation		<b>Site Location:</b> L.E. Carpenter, Wharton, NJ	<b>Project No.:</b> 6527.38
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<b>Photo No.</b> 13	<b>Date</b> 1/15/09	 <p style="color: red; font-weight: bold; text-align: right;">PHOTOGRAPH 13</p>
<b>Description</b> Pre-Demolition Survey; Photograph of room located in the building 9 basement.		

<b>Photo No.</b> 14	<b>Date</b> 1/15/09	 <p style="color: red; font-weight: bold; text-align: right;">PHOTOGRAPH 14</p>
<b>Description</b> Pre-Demolition Survey; Photograph of the entrance and manhole located in the building 9 basement.		

## MW19HS1 Remediation Photographic Log (Site Preparation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
1	1/10/10		
<b>Description</b> Photo taken west of Main Street looking East toward the MW19HS1 area.  Photo shows site conditions just prior to implementing the MW19HS1 remediation, including the Building 9 first floor concrete slab, foundation walls, and building footers left in place following completion of the Building 9 demolition phase.			
Photo No.	Date		
2	1/10/10		
<b>Description</b> Photo taken standing on the Building 9 first floor concrete slab looking Northwest toward the intersection of Main Street and Ross Street.  Photo shows site conditions just prior to remediation including the exposed basement area.			



## MW19HS1 Remediation Photographic Log (Site Preparation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
3	1/14/10		
<b>Description</b> Posted informational and security signs at Ross Street construction entrance.			
Photo No.	Date		
4	1/14/10		
<b>Description</b> Posted informational and security sign visible from Main Street near the Ross Street intersection.			



## MW19HS1 Remediation Photographic Log (Site Preparation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
5	1/15/10		
<b>Description</b> Photo taken near the Ross Street construction entrance looking Southwest toward the main excavation area.  Photo shows the remaining Building 9 slab and removal of surface topsoil for installation of the tracking/decontamination road.			
Photo No.	Date		
6	1/18/10		
<b>Description</b> Photo taken from the Building 9 concrete slab looking East toward the Ross Street construction entrance.  Photo shows the removal of topsoil, installed security gate between Building 8 and the existing fence along Ross Street.			



## MW19HS1 Remediation Photographic Log (Site Preparation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
7	1/19/10		
<b>Description</b> Photo taken standing on Building 9 concrete slab looking North toward Building 8.  Photo shows removal of the Building 9 first floor concrete slab exposing the sub-slab fill material below.			
Photo No.	Date		
8	1/19/10		
<b>Description</b> Photo taken near the Ross Street construction entrance looking North through the installed gate toward the Building 8 paved parking area.  Photo shows the installation of 2-1/2" aggregate material over geotextile for the required tracking/decontamination pad.			



## MW19HS1 Remediation Photographic Log (Site Preparation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
9	1/19/10		
<b>Description</b> Photo taken from the Northwest corner of Building 9 looking South.  Photo shows the removal of the Building 9 exterior walls and footers outside of the remedial excavation area.			
Photo No.	Date		
10	1/19/10		
<b>Description</b> Photo taken from the paved parking lot North of Building 8 looking West.  Photo shows the installed tracking pad between the paved parking area and main excavation area.			





## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
1	1/18/10		
<b>Description</b> Photo taken standing on the Building 9 first floor slab looking Northwest toward Ross Street.  Photo shows the cut concrete slab at the proposed construction limits of the excavation.			
Photo No.	Date		
2	1/19/10		
<b>Description</b> Standing at approx. Grid location 20n0e looking North.  Photo shows exposed ACM transite pipe encountered during exterior wall removal.			



## MW19HS1 Remediation Photographic Log (AOC Excavation)

<b>Client Name:</b> L.E. Carpenter & Company		<b>Site Location:</b> Wharton, NJ	<b>Project No.:</b> 6527.44
<b>Photo No.</b> 3	<b>Date</b> 1/22/10		
<b>Description</b> Photo shows emergency removal of ACM transite pipe material.			
<b>Photo No.</b> 4	<b>Date</b> 1/22/10		
<b>Description</b> Photo shows emergency removal of ACM transite pipe material			




## MW19HS1 Remediation Photographic Log (AOC Excavation)

<b>Client Name:</b> L.E. Carpenter & Company		<b>Site Location:</b> Wharton, NJ	<b>Project No.:</b> 6527.44
<b>Photo No.</b> 5	<b>Date</b> 1/22/10	<div> <div> <b>Description</b>                      Photo shows sub-slab fill (black slag) encountered in the Southeast corner of Building 9 below the first floor concrete floor slab.                 </div>  </div>	
<b>Photo No.</b> 6	<b>Date</b> 1/26/10	<div> <div> <b>Description</b>                      Photo shows the physical characteristics of the multi-colored process waste encountered immediately below the Building 9 first floor concrete slab in the area of the former trench drains.                 </div>  </div>	



## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
7	1/26/10		
<b>Description</b> Photo showing the physical characteristics of the solid green chunks of process waste encountered approximately 3 feet below the adjacent ground surface in the area of the former trench drains.		 <p>2010/01/26</p>	
Photo No.	Date		
8	1/26/10		
<b>Description</b> Drummed multi-colored process waste removed during AOC excavation.		 <p>2010/01/26</p>	





## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
9	1/29/10		
<b>Description</b> Standing at approximately 0n60w looking South across the initial excavation of the South sidewall area.  Photo shows excavation down to the visible water table during initial South sidewall excavation.			
Photo No.	Date		
10	2/1/10		
<b>Description</b> Standing at approximately 10n70w looking South across the excavation.  Photo shows excavation to the visible water table and staked confirmation soil sample locations at the base and midpoint of the South excavation sidewall.			



## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
11	2/2/10		
<b>Description</b> Physical characteristics of the removed saturated process waste encountered at the water table. Elevation. This material was light green in color and displayed string like physical characteristics.			
Photo No.	Date		
12	2/2/10		
<b>Description</b> Physical characteristics of the removed saturated process waste encountered at the water table. Elevation. This material was light green in color and displayed string like physical characteristics.			



## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
13	2/5/10		
<b>Description</b> Standing on the Building 9 basement floor slab looking West toward the remedial excavation.  Photo shows the removal of approximately 5' width of basement floor slab to confirm the Eastern extent of contamination.			
Photo No.	Date		
14	2/9/10		
<b>Description</b> Standing at approximate grid location 30s30w looking North.  Photo shows the exposed West excavation sidewall extents and staked locations of confirmation soil samples.			



## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
15	2/9/10		
<b>Description</b> Standing on the Building 9 concrete basement floor slab looking West across the excavation.  Photo shows the additional removal of saturated source material from the bottom of the excavation. Approximately four additional feet of material was removed from below the visible water table.			
Photo No.	Date		
16	2/9/10		
<b>Description</b> Standing at approximate grid location 0n10e looking West toward Ross Street.  Photo shows the additional excavation attempted within the footprint of where process waste was observed and elevated PID detections were recorded, soils at this depth (below 624.3 feet) could not be properly managed due to highly saturated sand materials. e			



## MW19HS1 Remediation Photographic Log (AOC Excavation)

Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
17	2/9/10		
<b>Description</b> Standing at 20s80w looking North across the excavation.  Photo shows the additional excavation attempted within the footprint of where process waste was observed.			
Photo No.	Date		
18	2/9/10		
<b>Description</b> Standing at 20s80w looking North across the excavation.  Photo shows the final excavation extents and depth.			



## MW19HS1 Remediation Photographic Log (Waste Management)


Client Name:		Site Location:	Project No.:
L.E. Carpenter & Company		Wharton, NJ	6527.44
Photo No.	Date		
1	2/9/10		
<b>Description</b> Standing on the tracking /decontamination pad looking North.  Photo shows the excavated waste soils stockpiled and covered with poly sheeting.			
Photo No.	Date		
2	2/19/10		
<b>Description</b> Standing South of the MW19HS1 backfilled excavation looking North.  Photo shows the load-out and disposal of sub-slab fill material.			

## MW19HS1 Remediation Photographic Log (Waste Management)

Client Name: L.E. Carpenter & Company		Site Location: Wharton, NJ	Project No.: 6527.44
Photo No. 3	Date 3/31/10		
<b>Description</b> Standing in the Building 8 paved parking area looking North.  Photo shows the load-out and disposal of sub-slab fill and excavated waste soils stockpiled North of the paved parking area.			
Photo No. 4	Date 3/31/10		
<b>Description</b> Standing in the Building 8 paved parking area looking North.  Photo shows the load-out and disposal of sub-slab fill and excavated waste soils stockpiled North of the paved parking area.			



**MW19HS1 Remediation Photographic Log (Waste Management)**

<b>Client Name:</b> L.E. Carpenter & Company		<b>Site Location:</b> Wharton, NJ	<b>Project No.:</b> 6527.44
<b>Photo No.</b> 5	<b>Date</b> 4/6/10	 2010/04/06	
<b>Description</b> Drummed multi-colored process waste removed during remediation.			

<b>Photo No.</b> 6	<b>Date</b> 4/6/10
<b>Description</b> The three (3) drums of multi-colored process waste removed during remediation being loaded for disposal.	


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February 16, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10A182  
Client Project LEC MW19HS1 Remediation / 6527.40

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



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## SAMPLE SUMMARY

Trace Project ID: T10A182  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10A182-01	SS-19HS1-10-1	Soil	sp	01/21/10 10:10	01/22/10 10:41
T10A182-02	SS-19HS1-10-2	Soil	sp	01/21/10 10:30	01/22/10 10:41
T10A182-03	SS-19HS1-10-3	Soil	sp	01/21/10 10:45	01/22/10 10:41
T10A182-04	SS-19HS1-10-4	Soil	sp	01/21/10 11:00	01/22/10 10:41
T10A182-05	SS-19HS1-10-5	Soil	sp	01/21/10 11:40	01/22/10 10:41
T10A182-06	SS-19HS1-10-6	Soil	sp	01/21/10 11:50	01/22/10 10:41
T10A182-07	SS-19HS1-10-7	Soil	sp	01/21/10 12:00	01/22/10 10:41
T10A182-08	Concrete-19HS1-10-1	Soil	sp	01/21/10 14:45	01/22/10 10:41

## CERTIFICATE OF ANALYSIS

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

Trace ID: T014539-MSD1

#### **Analysis: EPA 7471A**

<b>Mercury</b>	Note 209 : The MSD recovery was out of control. Because the MS recovery and the RPD between the MS and the MSD were in control, no data require qualification.
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Trace ID: T014550-MSD1

#### **Analysis: EPA 8260B**

<b>Trichloroethene</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.
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Trace ID: T10A182-01

#### **Analysis: EPA 8260B**

<b>1,2,3-Trichlorobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,2,3-Trimethylbenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,2,4-Trichlorobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,2,4-Trimethylbenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,2-Dibromo-3-chloropropane</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.

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<b>1,2-Dichlorobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,3,5-Trimethylbenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,3-Dichlorobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>1,4-Dichlorobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>4-Bromofluorobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>Bromobenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>Hexachloroethane</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>Naphthalene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>n-Butylbenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>n-Propylbenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>p-Isopropyltoluene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>sec-Butylbenzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.
<b>t-Butyl Benzene</b>	Note 618.5 : The result and reporting limit must be considered estimated due to an internal standard failing QC criteria low. The internal standard area was less than 50% but greater than 10% of criteria.

Trace ID: T10A182-08

**Analysis: EPA 8260B**

**Acetone**

Note 808 : The continuing calibration failed high for this compound. The result is considered bias high.

**Analysis: EPA 8270C**

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<b>2,4,6-Tribromophenol</b>	Note 319.5 : The acid surrogates were out of control low when compared to the control limits. This is typical for concrete samples. The results for the acid compounds must be considered estimated.
<b>2-Fluorophenol</b>	Note 319.5 : The acid surrogates were out of control low when compared to the control limits. This is typical for concrete samples. The results for the acid compounds must be considered estimated.
<b>Phenol-d5</b>	Note 319.5 : The acid surrogates were out of control low when compared to the control limits. This is typical for concrete samples. The results for the acid compounds must be considered estimated.

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-01	Date Collected: 01/21/10 10:10	Matrix: Soil
Sample ID: SS-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Chloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Vinyl chloride	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Bromomethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Chloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Trichlorofluoromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Acrolein	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	N
Diethyl ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
1,1-Dichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Acetone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	
Iodomethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Carbon disulfide	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp	
Methyl-tert-butyl ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Methylene chloride	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Acrylonitrile	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	N
trans-1,2-Dichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1-Dichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Diisopropyl Ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
2-Butanone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	
cis-1,2-Dichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
t-Butyl Ethyl Ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Bromochloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Tetrahydrofuran	<0.017 mg/kg dry	0.017	1	01/25/10	jp	01/25/10	jp	N
Chloroform	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1,1-Trichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Carbon tetrachloride	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Benzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
t-Amyl Methyl Ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Cyclohexane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Trichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,2-Dichloropropane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Dibromomethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Bromodichloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
cis-1,3-Dichloropropene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-01	Date Collected: 01/21/10 10:10	Matrix: Soil
Sample ID: SS-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

4-Methyl-2-pentanone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	
Toluene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
trans-1,3-Dichloropropene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1,2-Trichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Tetrachloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
2-Hexanone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	
Dibromochloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,2-Dibromoethane (EDB)	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Chlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1,1,2-Tetrachloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Ethylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
m,p-Xylene	<0.0086 mg/kg dry	0.0086	1	01/25/10	jp	01/25/10	jp	N
o-Xylene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Xylenes, total	<0.013 mg/kg dry	0.013	1	01/25/10	jp	01/25/10	jp	N
Styrene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Bromoform	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Isopropylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1,2,2-Tetrachloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,2,3-Trichloropropane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
trans-1,4-Dichloro-2-butene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Bromobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
n-Propylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
1,3,5-Trimethylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
t-Butyl Benzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
1,2,4-Trimethylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
sec-Butylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
p-Isopropyltoluene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
1,3-Dichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
1,4-Dichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
n-Butylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
1,2,3-Trimethylbenzene	<0.00086 mg/kg dry	0.00086	1	01/25/10	jp	01/25/10	jp	618.5, N
1,2-Dichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
1,2-Dibromo-3-chloropropane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
Hexachloroethane	<0.00086 mg/kg dry	0.00086	1	01/25/10	jp	01/25/10	jp	618.5, N
1,2,4-Trichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5
Naphthalene	0.0049 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5, N
1,2,3-Trichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	618.5

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-01	Date Collected: 01/21/10 10:10	Matrix: Soil
Sample ID: SS-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	101 %	71-131	1	01/25/10	jp	01/25/10	jp	
Toluene-d8	123 %	70-130	1	01/25/10	jp	01/25/10	jp	
4-Bromofluorobenzene	* 130 %	65-122	1	01/25/10	jp	01/25/10	jp	618.5
1,2-Dichlorobenzene-d4	113 %	54-134	1	01/25/10	jp	01/25/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
2-Chlorophenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Phenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
1,3-Dichlorobenzene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
1,4-Dichlorobenzene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
1,2-Dichlorobenzene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Benzyl alcohol	<0.73 mg/kg dry	0.73	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroisopropyl)ether	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2-Methylphenol (o-Cresol)	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
3,4-Methylphenol (m,p Cresol)	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
N-Nitrosodi-n-propylamine	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Hexachloroethane	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Nitrobenzene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
Isophorone	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2-Nitrophenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2,4-Dimethylphenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroethoxy)methane	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Benzoic acid	<1.3 mg/kg dry	1.3	1	01/22/10	kb	01/25/10	avl
1,2,4-Trichlorobenzene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2,4-Dichlorophenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Naphthalene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
4-Chloroaniline	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Hexachlorobutadiene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
4-Chloro-3-methylphenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2-Methylnaphthalene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Hexachlorocyclopentadiene	<0.19 mg/kg dry	0.19	1	01/22/10	kb	01/25/10	avl
2,4,6-Trichlorophenol	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-01	Date Collected: 01/21/10 10:10	Matrix: Soil
Sample ID: SS-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

2,4,5-Trichlorophenol	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2-Chloronaphthalene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2-Nitroaniline	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Dimethyl phthalate	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Acenaphthylene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2,6-Dinitrotoluene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
3-Nitroaniline	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Acenaphthene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Dibenzofuran	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
2,4-Dinitrotoluene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
4-Nitrophenol	<0.74 mg/kg dry	0.74	1	01/22/10	kb	01/25/10	avl
2,4-Dinitrophenol	<0.74 mg/kg dry	0.74	1	01/22/10	kb	01/25/10	avl
Diethyl phthalate	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Fluorene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
4-Chlorophenyl phenyl ether	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
4-Nitroaniline	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
4,6-Dinitro-2-methylphenol	<0.19 mg/kg dry	0.19	1	01/22/10	kb	01/25/10	avl
N-Nitrosodiphenylamine	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
4-Bromophenyl phenyl ether	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Hexachlorobenzene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Pentachlorophenol	<0.40 mg/kg dry	0.40	1	01/22/10	kb	01/25/10	avl
<b>Phenanthrene</b>	<b>0.13 mg/kg dry</b>	<b>0.036</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Anthracene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Carbazole	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Di-n-butyl phthalate	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
<b>Fluoranthene</b>	<b>0.098 mg/kg dry</b>	<b>0.036</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Pyrene	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
Butyl benzyl phthalate	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
<b>Benzo (a) anthracene</b>	<b>0.039 mg/kg dry</b>	<b>0.036</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Chrysene</b>	<b>0.063 mg/kg dry</b>	<b>0.036</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
3,3'-Dichlorobenzidine	<0.73 mg/kg dry	0.73	1	01/22/10	kb	01/25/10	avl
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.4 mg/kg dry</b>	<b>0.092</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Di-n-octyl phthalate	<0.092 mg/kg dry	0.092	1	01/22/10	kb	01/25/10	avl
<b>Benzo (b) fluoranthene</b>	<b>0.044 mg/kg dry</b>	<b>0.036</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Benzo (k) fluoranthene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
Benzo (a) pyrene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
<b>Indeno (1,2,3-cd) pyrene</b>	<b>0.054 mg/kg dry</b>	<b>0.036</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-01	Date Collected: 01/21/10 10:10	Matrix: Soil
Sample ID: SS-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
Benzo (g,h,i) perylene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	51 %	38-81	1	01/22/10	kb	01/25/10	avl
Phenol-d5	57 %	32-102	1	01/22/10	kb	01/25/10	avl
Nitrobenzene-d5	71 %	36-98	1	01/22/10	kb	01/25/10	avl
2-Fluorobiphenyl	65 %	44-105	1	01/22/10	kb	01/25/10	avl
2,4,6-Tribromophenol	55 %	38-101	1	01/22/10	kb	01/25/10	avl
Terphenyl-d14	69 %	46-109	1	01/22/10	kb	01/25/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.073 mg/kg dry	0.073	1	01/22/10	kb	01/22/10	tim
Aroclor-1221	<0.073 mg/kg dry	0.073	1	01/22/10	kb	01/22/10	tim
Aroclor-1232	<0.073 mg/kg dry	0.073	1	01/22/10	kb	01/22/10	tim
Aroclor-1242	<0.073 mg/kg dry	0.073	1	01/22/10	kb	01/22/10	tim
Aroclor-1248	<0.073 mg/kg dry	0.073	1	01/22/10	kb	01/22/10	tim
<b>Aroclor-1254</b>	<b>0.21 mg/kg dry</b>	<b>0.073</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>tim</b>
Aroclor-1260	<0.073 mg/kg dry	0.073	1	01/22/10	kb	01/22/10	tim
<b>Surrogates:</b>							
Tetrachloro-m-xylene	49 %	40-113	1	01/22/10	kb	01/22/10	tim N
Decachlorobiphenyl	48 %	32-111	1	01/22/10	kb	01/22/10	tim N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	56 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Cadmium	<0.20 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	9.4 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Copper	23 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Lead	22 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Nickel	20 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Vanadium	18 mg/kg dry	1.0	1	01/25/10	jm	02/12/10	jlm
Zinc	33 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-01	Date Collected:	01/21/10 10:10	Matrix:	Soil		
Sample ID:	SS-19HS1-10-1	Date Received:	01/22/10 10:41				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	6.4 mg/kg dry	0.10	10	01/25/10	jd	01/25/10	jn
Selenium	2.2 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.10 mg/kg dry	0.10	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.29 mg/kg dry	0.030	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	90 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-02	Date Collected: 01/21/10 10:30	Matrix: Soil
Sample ID: SS-19HS1-10-2	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Chloromethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Vinyl chloride	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
Bromomethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Chloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Trichlorofluoromethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Acrolein	<0.044 mg/kg dry	0.044	1	01/25/10	jp	01/25/10	jp	N
Diethyl ether	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
1,1-Dichloroethene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Acetone	<0.044 mg/kg dry	0.044	1	01/25/10	jp	01/25/10	jp	
Iodomethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
Carbon disulfide	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp	
Methyl-tert-butyl ether	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Methylene chloride	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Acrylonitrile	<0.044 mg/kg dry	0.044	1	01/25/10	jp	01/25/10	jp	N
trans-1,2-Dichloroethene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
1,1-Dichloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Diisopropyl Ether	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
2-Butanone	<0.044 mg/kg dry	0.044	1	01/25/10	jp	01/25/10	jp	
cis-1,2-Dichloroethene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
t-Butyl Ethyl Ether	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
Bromochloromethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Tetrahydrofuran	<0.018 mg/kg dry	0.018	1	01/25/10	jp	01/25/10	jp	N
Chloroform	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
1,1,1-Trichloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Carbon tetrachloride	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Benzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
t-Amyl Methyl Ether	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Cyclohexane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N
Trichloroethene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
1,2-Dichloropropane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Dibromomethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
Bromodichloromethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	
cis-1,3-Dichloropropene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-02	Date Collected: 01/21/10 10:30	Matrix: Soil
Sample ID: SS-19HS1-10-2	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
4-Methyl-2-pentanone	<0.044 mg/kg dry	0.044	1	01/25/10	jp	01/25/10	jp		
Toluene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
trans-1,3-Dichloropropene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,1,2-Trichloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Tetrachloroethene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
2-Hexanone	<0.044 mg/kg dry	0.044	1	01/25/10	jp	01/25/10	jp		
Dibromochloromethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,2-Dibromoethane (EDB)	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Chlorobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,1,1,2-Tetrachloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Ethylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
m,p-Xylene	<0.0088 mg/kg dry	0.0088	1	01/25/10	jp	01/25/10	jp	N	
o-Xylene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N	
Xylenes, total	<0.013 mg/kg dry	0.013	1	01/25/10	jp	01/25/10	jp	N	
Styrene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Bromoform	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Isopropylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,1,2,2-Tetrachloroethane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,2,3-Trichloropropane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
trans-1,4-Dichloro-2-butene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Bromobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
n-Propylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,3,5-Trimethylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
t-Butyl Benzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,2,4-Trimethylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
sec-Butylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
p-Isopropyltoluene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,3-Dichlorobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,4-Dichlorobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
n-Butylbenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,2,3-Trimethylbenzene	<0.00088 mg/kg dry	0.00088	1	01/25/10	jp	01/25/10	jp	N	
1,2-Dichlorobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
1,2-Dibromo-3-chloropropane	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Hexachloroethane	<0.00088 mg/kg dry	0.00088	1	01/25/10	jp	01/25/10	jp	N	
1,2,4-Trichlorobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		
Naphthalene	0.016 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp	N	
1,2,3-Trichlorobenzene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-02	Date Collected: 01/21/10 10:30	Matrix: Soil
Sample ID: SS-19HS1-10-2	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	94 %	71-131	1	01/25/10	jp	01/25/10	jp
Toluene-d8	98 %	70-130	1	01/25/10	jp	01/25/10	jp
4-Bromofluorobenzene	97 %	65-122	1	01/25/10	jp	01/25/10	jp
1,2-Dichlorobenzene-d4	96 %	54-134	1	01/25/10	jp	01/25/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.071 mg/kg dry	0.071	2	01/22/10	kb	01/25/10	avl
2-Chlorophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Phenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
1,3-Dichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
1,4-Dichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
1,2-Dichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Benzyl alcohol	<1.4 mg/kg dry	1.4	2	01/22/10	kb	01/25/10	avl
Bis(2-chloroisopropyl)ether	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2-Methylphenol (o-Cresol)	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
3,4-Methylphenol (m,p Cresol)	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
N-Nitrosodi-n-propylamine	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Hexachloroethane	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Nitrobenzene	<0.071 mg/kg dry	0.071	2	01/22/10	kb	01/25/10	avl
Isophorone	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2-Nitrophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2,4-Dimethylphenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Bis(2-chloroethoxy)methane	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Benzoic acid	<2.6 mg/kg dry	2.6	2	01/22/10	kb	01/25/10	avl
1,2,4-Trichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2,4-Dichlorophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
<b>Naphthalene</b>	<b>0.24 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
4-Chloroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Hexachlorobutadiene	<0.071 mg/kg dry	0.071	2	01/22/10	kb	01/25/10	avl
4-Chloro-3-methylphenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2-Methylnaphthalene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Hexachlorocyclopentadiene	<0.36 mg/kg dry	0.36	2	01/22/10	kb	01/25/10	avl
2,4,6-Trichlorophenol	<0.071 mg/kg dry	0.071	2	01/22/10	kb	01/25/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-02	Date Collected: 01/21/10 10:30	Matrix: Soil
Sample ID: SS-19HS1-10-2	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

2,4,5-Trichlorophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2-Chloronaphthalene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2-Nitroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Dimethyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Acenaphthylene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2,6-Dinitrotoluene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
3-Nitroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
<b>Acenaphthene</b>	<b>0.19 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Dibenzofuran	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
2,4-Dinitrotoluene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
4-Nitrophenol	<1.4 mg/kg dry	1.4	2	01/22/10	kb	01/25/10	avl
2,4-Dinitrophenol	<1.4 mg/kg dry	1.4	2	01/22/10	kb	01/25/10	avl
Diethyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
<b>Fluorene</b>	<b>0.22 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
4-Chlorophenyl phenyl ether	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
4-Nitroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
4,6-Dinitro-2-methylphenol	<0.36 mg/kg dry	0.36	2	01/22/10	kb	01/25/10	avl
N-Nitrosodiphenylamine	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
4-Bromophenyl phenyl ether	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Hexachlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Pentachlorophenol	<0.77 mg/kg dry	0.77	2	01/22/10	kb	01/25/10	avl
<b>Phenanthrene</b>	<b>1.4 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Anthracene</b>	<b>0.36 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Carbazole	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
Di-n-butyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
<b>Fluoranthene</b>	<b>1.3 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Pyrene</b>	<b>1.1 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Butyl benzyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
<b>Benzo (a) anthracene</b>	<b>0.55 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Chrysene</b>	<b>0.51 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
3,3'-Dichlorobenzidine	<1.4 mg/kg dry	1.4	2	01/22/10	kb	01/25/10	avl N
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.6 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Di-n-octyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/25/10	avl
<b>Benzo (b) fluoranthene</b>	<b>0.64 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Benzo (k) fluoranthene</b>	<b>0.24 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Benzo (a) pyrene</b>	<b>0.48 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Indeno (1,2,3-cd) pyrene</b>	<b>0.25 mg/kg dry</b>	<b>0.071</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-02	Date Collected: 01/21/10 10:30	Matrix: Soil
Sample ID: SS-19HS1-10-2	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	0.10 mg/kg dry	0.071	2	01/22/10	kb	01/25/10	avl		
Benzo (g,h,i) perylene	0.14 mg/kg dry	0.071	2	01/22/10	kb	01/25/10	avl		
<b>Surrogates:</b>									
2-Fluorophenol	72 %	38-81	2	01/22/10	kb	01/25/10	avl		
Phenol-d5	76 %	32-102	2	01/22/10	kb	01/25/10	avl		
Nitrobenzene-d5	79 %	36-98	2	01/22/10	kb	01/25/10	avl		
2-Fluorobiphenyl	75 %	44-105	2	01/22/10	kb	01/25/10	avl		
2,4,6-Tribromophenol	83 %	38-101	2	01/22/10	kb	01/25/10	avl		
Terphenyl-d14	92 %	46-109	2	01/22/10	kb	01/25/10	avl		

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
Aroclor-1221	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
Aroclor-1232	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
Aroclor-1242	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
Aroclor-1248	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
Aroclor-1254	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
Aroclor-1260	<0.071 mg/kg dry	0.071	1	01/22/10	kb	01/22/10	tim		
<b>Surrogates:</b>									
Tetrachloro-m-xylene	75 %	40-113	1	01/22/10	kb	01/22/10	tim		N
Decachlorobiphenyl	66 %	32-111	1	01/22/10	kb	01/22/10	tim		N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	27 mg/kg dry	0.96	1	01/25/10	jd	01/25/10	jn		
Cadmium	0.29 mg/kg dry	0.19	1	01/25/10	jd	01/25/10	jn		
Chromium	8.7 mg/kg dry	0.96	1	01/25/10	jd	01/25/10	jn		
Copper	12 mg/kg dry	0.96	1	01/25/10	jd	01/25/10	jn		
Lead	16 mg/kg dry	0.96	1	01/25/10	jd	01/25/10	jn		
Nickel	8.5 mg/kg dry	0.96	1	01/25/10	jd	01/25/10	jn		
Vanadium	18 mg/kg dry	0.96	1	01/25/10	jm	02/12/10	jlm		
Zinc	44 mg/kg dry	0.96	1	01/25/10	jd	01/25/10	jn		

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-02	Date Collected:	01/21/10 10:30	Matrix:	Soil		
Sample ID:	SS-19HS1-10-2	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	2.4 mg/kg dry	0.096	10	01/25/10	jd	01/25/10	jn
Selenium	0.22 mg/kg dry	0.19	10	01/25/10	jd	01/25/10	jn
Silver	<0.097 mg/kg dry	0.097	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.080 mg/kg dry	0.029	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	93 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-03	Date Collected: 01/21/10 10:45	Matrix: Soil
Sample ID: SS-19HS1-10-3	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Chloromethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Vinyl chloride	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
Bromomethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Chloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Trichlorofluoromethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Acrolein	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp	N
Diethyl ether	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
1,1-Dichloroethene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Acetone	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp	
Iodomethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
Carbon disulfide	<0.011 mg/kg dry	0.011	1	01/25/10	jp	01/25/10	jp	
Methyl-tert-butyl ether	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Methylene chloride	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Acrylonitrile	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp	N
trans-1,2-Dichloroethene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
1,1-Dichloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Diisopropyl Ether	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
2-Butanone	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp	
cis-1,2-Dichloroethene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
t-Butyl Ethyl Ether	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
Bromochloromethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Tetrahydrofuran	<0.0088 mg/kg dry	0.0088	1	01/25/10	jp	01/25/10	jp	N
Chloroform	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
1,1,1-Trichloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Carbon tetrachloride	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Benzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
t-Amyl Methyl Ether	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Cyclohexane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	N
Trichloroethene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
1,2-Dichloropropane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Dibromomethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
Bromodichloromethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	
cis-1,3-Dichloropropene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-03	Date Collected: 01/21/10 10:45	Matrix: Soil
Sample ID: SS-19HS1-10-3	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
4-Methyl-2-pentanone	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp
Toluene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
trans-1,3-Dichloropropene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,1,2-Trichloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Tetrachloroethene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
2-Hexanone	<0.022 mg/kg dry	0.022	1	01/25/10	jp	01/25/10	jp
Dibromochloromethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,2-Dibromoethane (EDB)	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Chlorobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,1,1,2-Tetrachloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Ethylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
m,p-Xylene	<0.0044 mg/kg dry	0.0044	1	01/25/10	jp	01/25/10	jp N
o-Xylene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp N
Xylenes, total	<0.0066 mg/kg dry	0.0066	1	01/25/10	jp	01/25/10	jp N
Styrene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Bromoform	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Isopropylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,1,1,2-Tetrachloroethane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,2,3-Trichloropropane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
trans-1,4-Dichloro-2-butene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Bromobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
n-Propylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,3,5-Trimethylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
t-Butyl Benzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,2,4-Trimethylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
sec-Butylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
p-Isopropyltoluene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,3-Dichlorobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,4-Dichlorobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
n-Butylbenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,2,3-Trimethylbenzene	<0.00044 mg/kg dry	0.00044	1	01/25/10	jp	01/25/10	jp N
1,2-Dichlorobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
1,2-Dibromo-3-chloropropane	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Hexachloroethane	<0.00044 mg/kg dry	0.00044	1	01/25/10	jp	01/25/10	jp N
1,2,4-Trichlorobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp
Naphthalene	0.0027 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp N
1,2,3-Trichlorobenzene	<0.0022 mg/kg dry	0.0022	1	01/25/10	jp	01/25/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-03	Date Collected:	01/21/10 10:45	Matrix:	Soil		
Sample ID:	SS-19HS1-10-3	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	95 %	71-131	1	01/25/10	jp	01/25/10	jp
Toluene-d8	99 %	70-130	1	01/25/10	jp	01/25/10	jp
4-Bromofluorobenzene	97 %	65-122	1	01/25/10	jp	01/25/10	jp
1,2-Dichlorobenzene-d4	94 %	54-134	1	01/25/10	jp	01/25/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
2-Chlorophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Phenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
1,3-Dichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
1,4-Dichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
1,2-Dichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Benzyl alcohol	<0.69 mg/kg dry	0.69	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroisopropyl)ether	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Methylphenol (o-Cresol)	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
3,4-Methylphenol (m,p Cresol)	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
N-Nitrosodi-n-propylamine	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachloroethane	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Nitrobenzene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Isophorone	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Nitrophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2,4-Dimethylphenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroethoxy)methane	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Benzoic acid	<1.3 mg/kg dry	1.3	1	01/22/10	kb	01/25/10	avl
1,2,4-Trichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2,4-Dichlorophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Naphthalene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4-Chloroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachlorobutadiene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
4-Chloro-3-methylphenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Methylnaphthalene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachlorocyclopentadiene	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10	avl
2,4,6-Trichlorophenol	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-03	Date Collected: 01/21/10 10:45	Matrix: Soil
Sample ID: SS-19HS1-10-3	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

2,4,5-Trichlorophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Chloronaphthalene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Nitroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Dimethyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Acenaphthylene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2,6-Dinitrotoluene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
3-Nitroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Acenaphthene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Dibenzofuran	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2,4-Dinitrotoluene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4-Nitrophenol	<0.70 mg/kg dry	0.70	1	01/22/10	kb	01/25/10	avl
2,4-Dinitrophenol	<0.70 mg/kg dry	0.70	1	01/22/10	kb	01/25/10	avl
Diethyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Fluorene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4-Chlorophenyl phenyl ether	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4-Nitroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4,6-Dinitro-2-methylphenol	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10	avl
N-Nitrosodiphenylamine	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4-Bromophenyl phenyl ether	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Pentachlorophenol	<0.38 mg/kg dry	0.38	1	01/22/10	kb	01/25/10	avl
Phenanthrene	0.56 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Anthracene	0.14 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Carbazole	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Di-n-butyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Fluoranthene	0.62 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Pyrene	0.53 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Butyl benzyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Benzo (a) anthracene	0.26 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Chrysene	0.25 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
3,3'-Dichlorobenzidine	<0.69 mg/kg dry	0.69	1	01/22/10	kb	01/25/10	avl
Bis(2-ethylhexyl)phthalate	0.70 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Di-n-octyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Benzo (b) fluoranthene	0.35 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Benzo (k) fluoranthene	0.14 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Benzo (a) pyrene	0.23 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Indeno (1,2,3-cd) pyrene	0.11 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl

N

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-03	Date Collected: 01/21/10 10:45	Matrix: Soil
Sample ID: SS-19HS1-10-3	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	0.047 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Benzo (g,h,i) perylene	0.054 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	55 %	38-81	1	01/22/10	kb	01/25/10	avl
Phenol-d5	59 %	32-102	1	01/22/10	kb	01/25/10	avl
Nitrobenzene-d5	60 %	36-98	1	01/22/10	kb	01/25/10	avl
2-Fluorobiphenyl	62 %	44-105	1	01/22/10	kb	01/25/10	avl
2,4,6-Tribromophenol	71 %	38-101	1	01/22/10	kb	01/25/10	avl
Terphenyl-d14	79 %	46-109	1	01/22/10	kb	01/25/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.069 mg/kg dry	0.069	1	01/22/10	kb	01/22/10	tim	
Aroclor-1221	<0.069 mg/kg dry	0.069	1	01/22/10	kb	01/22/10	tim	
Aroclor-1232	<0.069 mg/kg dry	0.069	1	01/22/10	kb	01/22/10	tim	
<b>Aroclor-1242</b>	<b>0.076 mg/kg dry</b>	<b>0.069</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>tim</b>	
Aroclor-1248	<0.069 mg/kg dry	0.069	1	01/22/10	kb	01/22/10	tim	
Aroclor-1254	<0.069 mg/kg dry	0.069	1	01/22/10	kb	01/22/10	tim	
Aroclor-1260	<0.069 mg/kg dry	0.069	1	01/22/10	kb	01/25/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	91 %	40-113	1	01/22/10	kb	01/22/10	tim	N
Decachlorobiphenyl	81 %	32-111	1	01/22/10	kb	01/22/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	27 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Cadmium	<0.20 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	8.5 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Copper	13 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Lead	11 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Nickel	9.0 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Vanadium	18 mg/kg dry	0.99	1	01/25/10	jm	02/12/10	jlm
Zinc	36 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-03	Date Collected: 01/21/10 10:45	Matrix: Soil
Sample ID: SS-19HS1-10-3	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	2.5 mg/kg dry	0.099	10	01/25/10	jd	01/25/10	jn
Selenium	<0.20 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.098 mg/kg dry	0.098	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.042 mg/kg dry	0.030	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	95 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-04	Date Collected: 01/21/10 11:00	Matrix: Soil
Sample ID: SS-19HS1-10-4	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Chloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Vinyl chloride	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Bromomethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Chloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Trichlorofluoromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Acrolein	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	N
Diethyl ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
1,1-Dichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Acetone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	
Iodomethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Carbon disulfide	<0.021 mg/kg dry	0.021	1	01/25/10	jp	01/25/10	jp	
Methyl-tert-butyl ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Methylene chloride	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Acrylonitrile	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	N
trans-1,2-Dichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1-Dichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Diisopropyl Ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
2-Butanone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp	
cis-1,2-Dichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
t-Butyl Ethyl Ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Bromochloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Tetrahydrofuran	<0.017 mg/kg dry	0.017	1	01/25/10	jp	01/25/10	jp	N
Chloroform	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,1,1-Trichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Carbon tetrachloride	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Benzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
t-Amyl Methyl Ether	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Cyclohexane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	N
Trichloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
1,2-Dichloropropane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Dibromomethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
Bromodichloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	
cis-1,3-Dichloropropene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-04	Date Collected: 01/21/10 11:00	Matrix: Soil
Sample ID: SS-19HS1-10-4	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

4-Methyl-2-pentanone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp
Toluene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
trans-1,3-Dichloropropene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,1,2-Trichloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Tetrachloroethene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
2-Hexanone	<0.043 mg/kg dry	0.043	1	01/25/10	jp	01/25/10	jp
Dibromochloromethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,2-Dibromoethane (EDB)	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Chlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,1,1,2-Tetrachloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Ethylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
m,p-Xylene	<0.0085 mg/kg dry	0.0085	1	01/25/10	jp	01/25/10	jp N
o-Xylene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp N
Xylenes, total	<0.013 mg/kg dry	0.013	1	01/25/10	jp	01/25/10	jp N
Styrene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Bromoform	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Isopropylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,1,2,2-Tetrachloroethane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,2,3-Trichloropropane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
trans-1,4-Dichloro-2-butene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Bromobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
n-Propylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,3,5-Trimethylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
t-Butyl Benzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,2,4-Trimethylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
sec-Butylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
p-Isopropyltoluene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,3-Dichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,4-Dichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
n-Butylbenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,2,3-Trimethylbenzene	<0.00085 mg/kg dry	0.00085	1	01/25/10	jp	01/25/10	jp N
1,2-Dichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
1,2-Dibromo-3-chloropropane	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Hexachloroethane	<0.00085 mg/kg dry	0.00085	1	01/25/10	jp	01/25/10	jp N
1,2,4-Trichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp
Naphthalene	0.0075 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp N
1,2,3-Trichlorobenzene	<0.0043 mg/kg dry	0.0043	1	01/25/10	jp	01/25/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-04	Date Collected: 01/21/10 11:00	Matrix: Soil
Sample ID: SS-19HS1-10-4	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	94 %	71-131	1	01/25/10	jp	01/25/10	jp
Toluene-d8	99 %	70-130	1	01/25/10	jp	01/25/10	jp
4-Bromofluorobenzene	98 %	65-122	1	01/25/10	jp	01/25/10	jp
1,2-Dichlorobenzene-d4	95 %	54-134	1	01/25/10	jp	01/25/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
2-Chlorophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Phenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
1,3-Dichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
1,4-Dichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
1,2-Dichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Benzyl alcohol	<0.70 mg/kg dry	0.70	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroisopropyl)ether	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Methylphenol (o-Cresol)	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
3,4-Methylphenol (m,p Cresol)	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
N-Nitrosodi-n-propylamine	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachloroethane	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Nitrobenzene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Isophorone	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Nitrophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2,4-Dimethylphenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroethoxy)methane	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Benzoic acid	<1.3 mg/kg dry	1.3	1	01/22/10	kb	01/25/10	avl
1,2,4-Trichlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2,4-Dichlorophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Naphthalene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
4-Chloroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachlorobutadiene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
4-Chloro-3-methylphenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
2-Methylnaphthalene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10	avl
Hexachlorocyclopentadiene	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10	avl
2,4,6-Trichlorophenol	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-04	Date Collected: 01/21/10 11:00	Matrix: Soil
Sample ID: SS-19HS1-10-4	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
2,4,5-Trichlorophenol	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
2-Chloronaphthalene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
2-Nitroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Dimethyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Acenaphthylene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
2,6-Dinitrotoluene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
3-Nitroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Acenaphthene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Dibenzofuran	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
2,4-Dinitrotoluene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
4-Nitrophenol	<0.71 mg/kg dry	0.71	1	01/22/10	kb	01/25/10 avl	
2,4-Dinitrophenol	<0.71 mg/kg dry	0.71	1	01/22/10	kb	01/25/10 avl	
Diethyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Fluorene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
4-Chlorophenyl phenyl ether	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
4-Nitroaniline	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
4,6-Dinitro-2-methylphenol	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10 avl	
N-Nitrosodiphenylamine	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
4-Bromophenyl phenyl ether	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Hexachlorobenzene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Pentachlorophenol	<0.38 mg/kg dry	0.38	1	01/22/10	kb	01/25/10 avl	
<b>Phenanthrene</b>	<b>0.050 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10 avl</b>	
Anthracene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Carbazole	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Di-n-butyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
<b>Fluoranthene</b>	<b>0.048 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10 avl</b>	
Pyrene	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Butyl benzyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Benzo (a) anthracene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10 avl	
Chrysene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10 avl	
3,3'-Dichlorobenzidine	<0.70 mg/kg dry	0.70	1	01/22/10	kb	01/25/10 avl	N
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.87 mg/kg dry</b>	<b>0.087</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10 avl</b>	
Di-n-octyl phthalate	<0.087 mg/kg dry	0.087	1	01/22/10	kb	01/25/10 avl	
Benzo (b) fluoranthene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10 avl	
Benzo (k) fluoranthene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10 avl	
Benzo (a) pyrene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10 avl	
Indeno (1,2,3-cd) pyrene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10 avl	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-04	Date Collected: 01/21/10 11:00	Matrix: Soil
Sample ID: SS-19HS1-10-4	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Benzo (g,h,i) perylene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	53 %	38-81	1	01/22/10	kb	01/25/10	avl
Phenol-d5	57 %	32-102	1	01/22/10	kb	01/25/10	avl
Nitrobenzene-d5	57 %	36-98	1	01/22/10	kb	01/25/10	avl
2-Fluorobiphenyl	59 %	44-105	1	01/22/10	kb	01/25/10	avl
2,4,6-Tribromophenol	73 %	38-101	1	01/22/10	kb	01/25/10	avl
Terphenyl-d14	79 %	46-109	1	01/22/10	kb	01/25/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1221	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1232	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1242	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1248	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1254	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1260	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	102 %	40-113	1	01/22/10	kb	01/22/10	tim	N
Decachlorobiphenyl	84 %	32-111	1	01/22/10	kb	01/22/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	17 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Cadmium	<0.20 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	7.1 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Copper	13 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Lead	7.2 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Nickel	7.5 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Vanadium	16 mg/kg dry	0.98	1	01/25/10	jm	02/12/10	jlm
Zinc	49 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-04	Date Collected:	01/21/10 11:00	Matrix:	Soil		
Sample ID:	SS-19HS1-10-4	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	2.0 mg/kg dry	0.098	10	01/25/10	jd	01/25/10	jn
Selenium	<0.20 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.094 mg/kg dry	0.094	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.044 mg/kg dry	0.029	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	95 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-05	Date Collected: 01/21/10 11:40	Matrix: Soil
Sample ID: SS-19HS1-10-5	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Chloromethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Vinyl chloride	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
Bromomethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Chloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Trichlorofluoromethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Acrolein	<0.040 mg/kg dry	0.040	1	01/25/10	jp	01/25/10	jp	N
Diethyl ether	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
1,1-Dichloroethene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Acetone	<0.040 mg/kg dry	0.040	1	01/25/10	jp	01/25/10	jp	
Iodomethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
Carbon disulfide	<0.020 mg/kg dry	0.020	1	01/25/10	jp	01/25/10	jp	
Methyl-tert-butyl ether	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Methylene chloride	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Acrylonitrile	<0.040 mg/kg dry	0.040	1	01/25/10	jp	01/25/10	jp	N
trans-1,2-Dichloroethene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,1-Dichloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Diisopropyl Ether	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
2-Butanone	<0.040 mg/kg dry	0.040	1	01/25/10	jp	01/25/10	jp	
cis-1,2-Dichloroethene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
t-Butyl Ethyl Ether	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
Bromochloromethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Tetrahydrofuran	<0.016 mg/kg dry	0.016	1	01/25/10	jp	01/25/10	jp	N
Chloroform	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,1,1-Trichloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Carbon tetrachloride	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Benzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
t-Amyl Methyl Ether	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Cyclohexane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
Trichloroethene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,2-Dichloropropane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Dibromomethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Bromodichloromethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
cis-1,3-Dichloropropene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-05	Date Collected: 01/21/10 11:40	Matrix: Soil
Sample ID: SS-19HS1-10-5	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

4-Methyl-2-pentanone	<0.040 mg/kg dry	0.040	1	01/25/10	jp	01/25/10	jp	
Toluene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
trans-1,3-Dichloropropene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,1,2-Trichloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Tetrachloroethene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
2-Hexanone	<0.040 mg/kg dry	0.040	1	01/25/10	jp	01/25/10	jp	
Dibromochloromethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,2-Dibromoethane (EDB)	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Chlorobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,1,1,2-Tetrachloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Ethylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
m,p-Xylene	<0.0079 mg/kg dry	0.0079	1	01/25/10	jp	01/25/10	jp	N
o-Xylene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
Xylenes, total	<0.012 mg/kg dry	0.012	1	01/25/10	jp	01/25/10	jp	N
Styrene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Bromoform	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Isopropylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,1,1,2,2-Tetrachloroethane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,2,3-Trichloropropane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
trans-1,4-Dichloro-2-butene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Bromobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
n-Propylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,3,5-Trimethylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
t-Butyl Benzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,2,4-Trimethylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
sec-Butylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
p-Isopropyltoluene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,3-Dichlorobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,4-Dichlorobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
n-Butylbenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,2,3-Trimethylbenzene	<0.00079 mg/kg dry	0.00079	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichlorobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
1,2-Dibromo-3-chloropropane	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Hexachloroethane	<0.00079 mg/kg dry	0.00079	1	01/25/10	jp	01/25/10	jp	N
1,2,4-Trichlorobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	
Naphthalene	0.041 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	N
1,2,3-Trichlorobenzene	<0.0040 mg/kg dry	0.0040	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-05	Date Collected: 01/21/10 11:40	Matrix: Soil
Sample ID: SS-19HS1-10-5	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	94 %	71-131	1	01/25/10	jp	01/25/10	jp
Toluene-d8	100 %	70-130	1	01/25/10	jp	01/25/10	jp
4-Bromofluorobenzene	98 %	65-122	1	01/25/10	jp	01/25/10	jp
1,2-Dichlorobenzene-d4	92 %	54-134	1	01/25/10	jp	01/25/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
2-Chlorophenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Phenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
1,3-Dichlorobenzene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
1,4-Dichlorobenzene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
1,2-Dichlorobenzene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Benzyl alcohol	<0.70 mg/kg dry	0.70	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroisopropyl)ether	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2-Methylphenol (o-Cresol)	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
3,4-Methylphenol (m,p Cresol)	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
N-Nitrosodi-n-propylamine	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Hexachloroethane	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Nitrobenzene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Isophorone	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2-Nitrophenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2,4-Dimethylphenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroethoxy)methane	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Benzoic acid	<1.3 mg/kg dry	1.3	1	01/22/10	kb	01/25/10	avl
1,2,4-Trichlorobenzene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2,4-Dichlorophenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
<b>Naphthalene</b>	<b>0.14 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
4-Chloroaniline	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Hexachlorobutadiene	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
4-Chloro-3-methylphenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2-Methylnaphthalene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Hexachlorocyclopentadiene	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10	avl
2,4,6-Trichlorophenol	<0.035 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-05	Date Collected: 01/21/10 11:40	Matrix: Soil
Sample ID: SS-19HS1-10-5	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

2,4,5-Trichlorophenol	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2-Chloronaphthalene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2-Nitroaniline	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Dimethyl phthalate	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Acenaphthylene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2,6-Dinitrotoluene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
3-Nitroaniline	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
<b>Acenaphthene</b>	<b>0.11 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Dibenzofuran	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
2,4-Dinitrotoluene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
4-Nitrophenol	<0.71 mg/kg dry	0.71	1	01/22/10	kb	01/25/10	avl
2,4-Dinitrophenol	<0.71 mg/kg dry	0.71	1	01/22/10	kb	01/25/10	avl
Diethyl phthalate	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
<b>Fluorene</b>	<b>0.13 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
4-Chlorophenyl phenyl ether	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
4-Nitroaniline	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
4,6-Dinitro-2-methylphenol	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10	avl
N-Nitrosodiphenylamine	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
4-Bromophenyl phenyl ether	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Hexachlorobenzene	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
Pentachlorophenol	<0.38 mg/kg dry	0.38	1	01/22/10	kb	01/25/10	avl
<b>Phenanthrene</b>	<b>0.89 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Anthracene</b>	<b>0.24 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Carbazole</b>	<b>0.098 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Di-n-butyl phthalate	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
<b>Fluoranthene</b>	<b>0.83 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Pyrene</b>	<b>0.73 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Butyl benzyl phthalate	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
<b>Benzo (a) anthracene</b>	<b>0.35 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Chrysene</b>	<b>0.33 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
3,3'-Dichlorobenzidine	<0.70 mg/kg dry	0.70	1	01/22/10	kb	01/25/10	avl
<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.96 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
Di-n-octyl phthalate	<0.088 mg/kg dry	0.088	1	01/22/10	kb	01/25/10	avl
<b>Benzo (b) fluoranthene</b>	<b>0.45 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Benzo (k) fluoranthene</b>	<b>0.15 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Benzo (a) pyrene</b>	<b>0.31 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>
<b>Indeno (1,2,3-cd) pyrene</b>	<b>0.12 mg/kg dry</b>	<b>0.035</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>avl</b>

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-05	Date Collected: 01/21/10 11:40	Matrix: Soil
Sample ID: SS-19HS1-10-5	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	0.050 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
Benzo (g,h,i) perylene	0.065 mg/kg dry	0.035	1	01/22/10	kb	01/25/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	55 %	38-81	1	01/22/10	kb	01/25/10	avl
Phenol-d5	61 %	32-102	1	01/22/10	kb	01/25/10	avl
Nitrobenzene-d5	60 %	36-98	1	01/22/10	kb	01/25/10	avl
2-Fluorobiphenyl	60 %	44-105	1	01/22/10	kb	01/25/10	avl
2,4,6-Tribromophenol	75 %	38-101	1	01/22/10	kb	01/25/10	avl
Terphenyl-d14	77 %	46-109	1	01/22/10	kb	01/25/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1221	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1232	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1242	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/25/10	tim	
Aroclor-1248	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1254	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1260	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	95 %	40-113	1	01/22/10	kb	01/22/10	tim	N
Decachlorobiphenyl	100 %	32-111	1	01/22/10	kb	01/22/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	24 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Cadmium	0.25 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	8.0 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Copper	12 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Lead	10 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Nickel	7.4 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn
Vanadium	21 mg/kg dry	0.98	1	01/25/10	jm	02/12/10	jlm
Zinc	40 mg/kg dry	0.98	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-05	Date Collected:	01/21/10 11:40	Matrix:	Soil		
Sample ID:	SS-19HS1-10-5	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	2.3 mg/kg dry	0.098	10	01/25/10	jd	01/25/10	jn
Selenium	<0.20 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.097 mg/kg dry	0.097	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.10 mg/kg dry	0.030	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	94 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-06	Date Collected: 01/21/10 11:50	Matrix: Soil
Sample ID: SS-19HS1-10-6	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Chloromethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Vinyl chloride	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
Bromomethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Chloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Trichlorofluoromethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Acrolein	<0.046 mg/kg dry	0.046	1	01/26/10	jp	01/26/10	jp	N
Diethyl ether	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
1,1-Dichloroethene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Acetone	<0.046 mg/kg dry	0.046	1	01/26/10	jp	01/26/10	jp	
Iodomethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
Carbon disulfide	<0.023 mg/kg dry	0.023	1	01/26/10	jp	01/26/10	jp	
Methyl-tert-butyl ether	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Methylene chloride	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Acrylonitrile	<0.046 mg/kg dry	0.046	1	01/26/10	jp	01/26/10	jp	N
trans-1,2-Dichloroethene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
1,1-Dichloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Diisopropyl Ether	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
2-Butanone	<0.046 mg/kg dry	0.046	1	01/26/10	jp	01/26/10	jp	
cis-1,2-Dichloroethene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
t-Butyl Ethyl Ether	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
Bromochloromethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Tetrahydrofuran	<0.019 mg/kg dry	0.019	1	01/26/10	jp	01/26/10	jp	N
Chloroform	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
1,1,1-Trichloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Carbon tetrachloride	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Benzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
t-Amyl Methyl Ether	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
1,2-Dichloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Cyclohexane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	N
Trichloroethene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
1,2-Dichloropropane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Dibromomethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
Bromodichloromethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	
cis-1,3-Dichloropropene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-06	Date Collected: 01/21/10 11:50	Matrix: Soil
Sample ID: SS-19HS1-10-6	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

4-Methyl-2-pentanone	<0.046 mg/kg dry	0.046	1	01/26/10	jp	01/26/10	jp
Toluene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
trans-1,3-Dichloropropene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,1,2-Trichloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Tetrachloroethene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
2-Hexanone	<0.046 mg/kg dry	0.046	1	01/26/10	jp	01/26/10	jp
Dibromochloromethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,2-Dibromoethane (EDB)	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Chlorobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,1,1,2-Tetrachloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Ethylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
m,p-Xylene	<0.0093 mg/kg dry	0.0093	1	01/26/10	jp	01/26/10	jp N
o-Xylene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp N
Xylenes, total	<0.014 mg/kg dry	0.014	1	01/26/10	jp	01/26/10	jp N
Styrene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Bromoform	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Isopropylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,1,1,2-Tetrachloroethane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,2,3-Trichloropropane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
trans-1,4-Dichloro-2-butene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Bromobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
n-Propylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,3,5-Trimethylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
t-Butyl Benzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,2,4-Trimethylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
sec-Butylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
p-Isopropyltoluene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,3-Dichlorobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,4-Dichlorobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
n-Butylbenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,2,3-Trimethylbenzene	<0.00093 mg/kg dry	0.00093	1	01/26/10	jp	01/26/10	jp N
1,2-Dichlorobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
1,2-Dibromo-3-chloropropane	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Hexachloroethane	<0.00093 mg/kg dry	0.00093	1	01/26/10	jp	01/26/10	jp N
1,2,4-Trichlorobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp
Naphthalene	0.0068 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp N
1,2,3-Trichlorobenzene	<0.0046 mg/kg dry	0.0046	1	01/26/10	jp	01/26/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-06	Date Collected: 01/21/10 11:50	Matrix: Soil
Sample ID: SS-19HS1-10-6	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	93 %	71-131	1	01/26/10	jp	01/26/10	jp
Toluene-d8	97 %	70-130	1	01/26/10	jp	01/26/10	jp
4-Bromofluorobenzene	94 %	65-122	1	01/26/10	jp	01/26/10	jp
1,2-Dichlorobenzene-d4	93 %	54-134	1	01/26/10	jp	01/26/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014570

Bis(2-chloroethyl)ether	<0.035 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
2-Chlorophenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Phenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
1,3-Dichlorobenzene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
1,4-Dichlorobenzene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
1,2-Dichlorobenzene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Benzyl alcohol	<0.70 mg/kg dry	0.70	1	01/26/10	kb	01/26/10	avl
Bis(2-chloroisopropyl)ether	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2-Methylphenol (o-Cresol)	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
3,4-Methylphenol (m,p Cresol)	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
N-Nitrosodi-n-propylamine	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Hexachloroethane	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Nitrobenzene	<0.035 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Isophorone	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2-Nitrophenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2,4-Dimethylphenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Bis(2-chloroethoxy)methane	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Benzoic acid	<1.3 mg/kg dry	1.3	1	01/26/10	kb	01/26/10	avl
1,2,4-Trichlorobenzene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2,4-Dichlorophenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
<b>Naphthalene</b>	<b>0.18 mg/kg dry</b>	<b>0.088</b>	<b>1</b>	<b>01/26/10</b>	<b>kb</b>	<b>01/26/10</b>	<b>avl</b>
4-Chloroaniline	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Hexachlorobutadiene	<0.035 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
4-Chloro-3-methylphenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2-Methylnaphthalene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Hexachlorocyclopentadiene	<0.18 mg/kg dry	0.18	1	01/26/10	kb	01/26/10	avl
2,4,6-Trichlorophenol	<0.035 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-06

Date Collected: 01/21/10 11:50

Matrix: Soil

Sample ID: SS-19HS1-10-6

Date Received: 01/22/10 10:41

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
2,4,5-Trichlorophenol	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2-Chloronaphthalene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2-Nitroaniline	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Dimethyl phthalate	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Acenaphthylene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2,6-Dinitrotoluene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
3-Nitroaniline	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Acenaphthene	0.16 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Dibenzofuran	0.12 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
2,4-Dinitrotoluene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
4-Nitrophenol	<0.71 mg/kg dry	0.71	1	01/26/10	kb	01/26/10	avl
2,4-Dinitrophenol	<0.71 mg/kg dry	0.71	1	01/26/10	kb	01/26/10	avl
Diethyl phthalate	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Fluorene	0.20 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
4-Chlorophenyl phenyl ether	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
4-Nitroaniline	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
4,6-Dinitro-2-methylphenol	<0.18 mg/kg dry	0.18	1	01/26/10	kb	01/26/10	avl
N-Nitrosodiphenylamine	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
4-Bromophenyl phenyl ether	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Hexachlorobenzene	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Pentachlorophenol	<0.38 mg/kg dry	0.38	1	01/26/10	kb	01/26/10	avl
Phenanthrene	1.1 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Anthracene	0.34 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Carbazole	0.13 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Di-n-butyl phthalate	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Fluoranthene	0.99 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Pyrene	0.82 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Butyl benzyl phthalate	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Benzo (a) anthracene	0.43 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Chrysene	0.40 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
3,3'-Dichlorobenzidine	<0.70 mg/kg dry	0.70	1	01/26/10	kb	01/26/10	avl N
Bis(2-ethylhexyl)phthalate	0.23 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Di-n-octyl phthalate	<0.088 mg/kg dry	0.088	1	01/26/10	kb	01/26/10	avl
Benzo (b) fluoranthene	0.44 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Benzo (k) fluoranthene	0.15 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Benzo (a) pyrene	0.36 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Indeno (1,2,3-cd) pyrene	0.23 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-06	Date Collected: 01/21/10 11:50	Matrix: Soil
Sample ID: SS-19HS1-10-6	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	0.058 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
Benzo (g,h,i) perylene	0.20 mg/kg dry	0.035	1	01/26/10	kb	01/26/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	75 %	38-81	1	01/26/10	kb	01/26/10	avl
Phenol-d5	74 %	32-102	1	01/26/10	kb	01/26/10	avl
Nitrobenzene-d5	82 %	36-98	1	01/26/10	kb	01/26/10	avl
2-Fluorobiphenyl	75 %	44-105	1	01/26/10	kb	01/26/10	avl
2,4,6-Tribromophenol	86 %	38-101	1	01/26/10	kb	01/26/10	avl
Terphenyl-d14	83 %	46-109	1	01/26/10	kb	01/26/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1221	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1232	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1242	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1248	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1254	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
Aroclor-1260	<0.070 mg/kg dry	0.070	1	01/22/10	kb	01/22/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	91 %	40-113	1	01/22/10	kb	01/22/10	tim	N
Decachlorobiphenyl	74 %	32-111	1	01/22/10	kb	01/22/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	24 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Cadmium	<0.20 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	11 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Copper	15 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Lead	10 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Nickel	9.5 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn
Vanadium	26 mg/kg dry	1.0	1	01/25/10	jm	02/12/10	jlm
Zinc	51 mg/kg dry	1.0	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-06	Date Collected:	01/21/10 11:50	Matrix:	Soil		
Sample ID:	SS-19HS1-10-6	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	3.5 mg/kg dry	0.10	10	01/25/10	jd	01/25/10	jn
Selenium	0.26 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.099 mg/kg dry	0.099	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	<0.030 mg/kg dry	0.030	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	94 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-07	Date Collected: 01/21/10 12:00	Matrix: Soil
Sample ID: SS-19HS1-10-7	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Chloromethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Vinyl chloride	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
Bromomethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Chloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Trichlorofluoromethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Acrolein	<0.045 mg/kg dry	0.045	1	01/25/10	jp	01/25/10	jp	N
Diethyl ether	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
1,1-Dichloroethene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Acetone	<0.045 mg/kg dry	0.045	1	01/25/10	jp	01/25/10	jp	
Iodomethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
Carbon disulfide	<0.023 mg/kg dry	0.023	1	01/25/10	jp	01/25/10	jp	
Methyl-tert-butyl ether	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Methylene chloride	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Acrylonitrile	<0.045 mg/kg dry	0.045	1	01/25/10	jp	01/25/10	jp	N
trans-1,2-Dichloroethene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
1,1-Dichloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Diisopropyl Ether	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
2-Butanone	<0.045 mg/kg dry	0.045	1	01/25/10	jp	01/25/10	jp	
cis-1,2-Dichloroethene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
t-Butyl Ethyl Ether	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
Bromochloromethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Tetrahydrofuran	<0.018 mg/kg dry	0.018	1	01/25/10	jp	01/25/10	jp	N
Chloroform	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
1,1,1-Trichloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Carbon tetrachloride	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Benzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
t-Amyl Methyl Ether	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
1,2-Dichloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Cyclohexane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	N
Trichloroethene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
1,2-Dichloropropane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Dibromomethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
Bromodichloromethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	
cis-1,3-Dichloropropene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-07	Date Collected: 01/21/10 12:00	Matrix: Soil
Sample ID: SS-19HS1-10-7	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
4-Methyl-2-pentanone	<0.045 mg/kg dry	0.045	1	01/25/10	jp	01/25/10	jp
Toluene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
trans-1,3-Dichloropropene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,1,2-Trichloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Tetrachloroethene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
2-Hexanone	<0.045 mg/kg dry	0.045	1	01/25/10	jp	01/25/10	jp
Dibromochloromethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,2-Dibromoethane (EDB)	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Chlorobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,1,1,2-Tetrachloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Ethylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
m,p-Xylene	<0.0091 mg/kg dry	0.0091	1	01/25/10	jp	01/25/10	jp N
o-Xylene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp N
Xylenes, total	<0.014 mg/kg dry	0.014	1	01/25/10	jp	01/25/10	jp N
Styrene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Bromoform	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Isopropylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,1,2,2-Tetrachloroethane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,2,3-Trichloropropane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
trans-1,4-Dichloro-2-butene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Bromobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
n-Propylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,3,5-Trimethylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
t-Butyl Benzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,2,4-Trimethylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
sec-Butylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
p-Isopropyltoluene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,3-Dichlorobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,4-Dichlorobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
n-Butylbenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,2,3-Trimethylbenzene	<0.00091 mg/kg dry	0.00091	1	01/25/10	jp	01/25/10	jp N
1,2-Dichlorobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
1,2-Dibromo-3-chloropropane	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
Hexachloroethane	<0.00091 mg/kg dry	0.00091	1	01/25/10	jp	01/25/10	jp N
1,2,4-Trichlorobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp
<b>Naphthalene</b>	<b>0.0058 mg/kg dry</b>	<b>0.0045</b>	<b>1</b>	<b>01/25/10</b>	<b>jp</b>	<b>01/25/10</b>	<b>jp N</b>
1,2,3-Trichlorobenzene	<0.0045 mg/kg dry	0.0045	1	01/25/10	jp	01/25/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-07	Date Collected: 01/21/10 12:00	Matrix: Soil
Sample ID: SS-19HS1-10-7	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	93 %	71-131	1	01/25/10	jp	01/25/10	jp
Toluene-d8	100 %	70-130	1	01/25/10	jp	01/25/10	jp
4-Bromofluorobenzene	105 %	65-122	1	01/25/10	jp	01/25/10	jp
1,2-Dichlorobenzene-d4	97 %	54-134	1	01/25/10	jp	01/25/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
2-Chlorophenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Phenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
1,3-Dichlorobenzene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
1,4-Dichlorobenzene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
1,2-Dichlorobenzene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Benzyl alcohol	<0.72 mg/kg dry	0.72	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroisopropyl)ether	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
2-Methylphenol (o-Cresol)	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
3,4-Methylphenol (m,p Cresol)	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
N-Nitrosodi-n-propylamine	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Hexachloroethane	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Nitrobenzene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
Isophorone	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
2-Nitrophenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
2,4-Dimethylphenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Bis(2-chloroethoxy)methane	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Benzoic acid	<1.3 mg/kg dry	1.3	1	01/22/10	kb	01/25/10	avl
1,2,4-Trichlorobenzene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
2,4-Dichlorophenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Naphthalene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
4-Chloroaniline	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Hexachlorobutadiene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
4-Chloro-3-methylphenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
2-Methylnaphthalene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10	avl
Hexachlorocyclopentadiene	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10	avl
2,4,6-Trichlorophenol	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-07	Date Collected: 01/21/10 12:00	Matrix: Soil
Sample ID: SS-19HS1-10-7	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
2,4,5-Trichlorophenol	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
2-Chloronaphthalene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
2-Nitroaniline	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Dimethyl phthalate	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Acenaphthylene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
2,6-Dinitrotoluene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
3-Nitroaniline	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Acenaphthene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Dibenzofuran	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
2,4-Dinitrotoluene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
4-Nitrophenol	<0.73 mg/kg dry	0.73	1	01/22/10	kb	01/25/10 avl	
2,4-Dinitrophenol	<0.73 mg/kg dry	0.73	1	01/22/10	kb	01/25/10 avl	
Diethyl phthalate	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Fluorene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
4-Chlorophenyl phenyl ether	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
4-Nitroaniline	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
4,6-Dinitro-2-methylphenol	<0.18 mg/kg dry	0.18	1	01/22/10	kb	01/25/10 avl	
N-Nitrosodiphenylamine	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
4-Bromophenyl phenyl ether	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Hexachlorobenzene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Pentachlorophenol	<0.39 mg/kg dry	0.39	1	01/22/10	kb	01/25/10 avl	
Phenanthrene	0.22 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
Anthracene	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Carbazole	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Di-n-butyl phthalate	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Fluoranthene	0.22 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
Pyrene	0.20 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Butyl benzyl phthalate	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Benzo (a) anthracene	0.096 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
Chrysene	0.084 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
3,3'-Dichlorobenzidine	<0.72 mg/kg dry	0.72	1	01/22/10	kb	01/25/10 avl	N
Bis(2-ethylhexyl)phthalate	0.34 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Di-n-octyl phthalate	<0.090 mg/kg dry	0.090	1	01/22/10	kb	01/25/10 avl	
Benzo (b) fluoranthene	0.11 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
Benzo (k) fluoranthene	0.048 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
Benzo (a) pyrene	0.072 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	
Indeno (1,2,3-cd) pyrene	0.059 mg/kg dry	0.036	1	01/22/10	kb	01/25/10 avl	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-07	Date Collected: 01/21/10 12:00	Matrix: Soil
Sample ID: SS-19HS1-10-7	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
Benzo (g,h,i) perylene	<0.036 mg/kg dry	0.036	1	01/22/10	kb	01/25/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	63 %	38-81	1	01/22/10	kb	01/25/10	avl
Phenol-d5	67 %	32-102	1	01/22/10	kb	01/25/10	avl
Nitrobenzene-d5	69 %	36-98	1	01/22/10	kb	01/25/10	avl
2-Fluorobiphenyl	65 %	44-105	1	01/22/10	kb	01/25/10	avl
2,4,6-Tribromophenol	80 %	38-101	1	01/22/10	kb	01/25/10	avl
Terphenyl-d14	82 %	46-109	1	01/22/10	kb	01/25/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1221	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1232	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
<b>Aroclor-1242</b>	<b>0.14 mg/kg dry</b>	<b>0.072</b>	<b>1</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/25/10</b>	<b>tim</b>	
Aroclor-1248	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1254	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1260	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	101 %	40-113	1	01/22/10	kb	01/22/10	tim	N
Decachlorobiphenyl	85 %	32-111	1	01/22/10	kb	01/22/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	31 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Cadmium	<0.20 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	7.5 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Copper	20 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Lead	32 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Nickel	5.9 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Vanadium	21 mg/kg dry	0.99	1	01/25/10	jm	02/15/10	jlm
Zinc	44 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-07	Date Collected:	01/21/10 12:00	Matrix:	Soil		
Sample ID:	SS-19HS1-10-7	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	1.8 mg/kg dry	0.099	10	01/25/10	jd	01/25/10	jn
Selenium	0.36 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.097 mg/kg dry	0.097	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.10 mg/kg dry	0.030	1	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	92 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-08	Date Collected: 01/21/10 14:45	Matrix: Soil
Sample ID: Concrete-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014550

Dichlorodifluoromethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Chloromethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Vinyl chloride	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
Bromomethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Chloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Trichlorofluoromethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Acrolein	<0.0072 mg/kg dry	0.0072	1	01/26/10	jp	01/26/10	jp	N
Diethyl ether	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
1,1-Dichloroethene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
<b>Acetone</b>	<b>0.019 mg/kg dry</b>	<b>0.0072</b>	<b>1</b>	<b>01/26/10</b>	<b>jp</b>	<b>01/26/10</b>	<b>jp</b>	808
Iodomethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
Carbon disulfide	<0.0036 mg/kg dry	0.0036	1	01/26/10	jp	01/26/10	jp	
Methyl-tert-butyl ether	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Methylene chloride	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Acrylonitrile	<0.0072 mg/kg dry	0.0072	1	01/26/10	jp	01/26/10	jp	N
trans-1,2-Dichloroethene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,1-Dichloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Diisopropyl Ether	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
2-Butanone	<0.0072 mg/kg dry	0.0072	1	01/26/10	jp	01/26/10	jp	
cis-1,2-Dichloroethene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
t-Butyl Ethyl Ether	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
Bromochloromethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Tetrahydrofuran	<0.0029 mg/kg dry	0.0029	1	01/26/10	jp	01/26/10	jp	N
Chloroform	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,1,1-Trichloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Carbon tetrachloride	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Benzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
t-Amyl Methyl Ether	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
1,2-Dichloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Cyclohexane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
Trichloroethene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,2-Dichloropropane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Dibromomethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Bromodichloromethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
cis-1,3-Dichloropropene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-08	Date Collected: 01/21/10 14:45	Matrix: Soil
Sample ID: Concrete-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

4-Methyl-2-pentanone	<0.0072 mg/kg dry	0.0072	1	01/26/10	jp	01/26/10	jp	
Toluene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
trans-1,3-Dichloropropene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,1,2-Trichloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Tetrachloroethene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
2-Hexanone	<0.0072 mg/kg dry	0.0072	1	01/26/10	jp	01/26/10	jp	
Dibromochloromethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,2-Dibromoethane (EDB)	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Chlorobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,1,1,2-Tetrachloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Ethylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
m,p-Xylene	<0.0014 mg/kg dry	0.0014	1	01/26/10	jp	01/26/10	jp	N
o-Xylene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
Xylenes, total	<0.0022 mg/kg dry	0.0022	1	01/26/10	jp	01/26/10	jp	N
Styrene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Bromoform	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Isopropylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,1,1,2-Tetrachloroethane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,2,3-Trichloropropane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
trans-1,4-Dichloro-2-butene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Bromobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
n-Propylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,3,5-Trimethylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
t-Butyl Benzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,2,4-Trimethylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
sec-Butylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
p-Isopropyltoluene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,3-Dichlorobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,4-Dichlorobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
n-Butylbenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,2,3-Trimethylbenzene	<0.00014 mg/kg dry	0.00014	1	01/26/10	jp	01/26/10	jp	N
1,2-Dichlorobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
1,2-Dibromo-3-chloropropane	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Hexachloroethane	<0.00014 mg/kg dry	0.00014	1	01/26/10	jp	01/26/10	jp	N
1,2,4-Trichlorobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	
Naphthalene	0.014 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	N
1,2,3-Trichlorobenzene	<0.00072 mg/kg dry	0.00072	1	01/26/10	jp	01/26/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-08	Date Collected: 01/21/10 14:45	Matrix: Soil
Sample ID: Concrete-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	96 %	71-131	1	01/26/10	jp	01/26/10	jp
Toluene-d8	96 %	70-130	1	01/26/10	jp	01/26/10	jp
4-Bromofluorobenzene	96 %	65-122	1	01/26/10	jp	01/26/10	jp
1,2-Dichlorobenzene-d4	96 %	54-134	1	01/26/10	jp	01/26/10	jp

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8270C

#### Batch: T014533

Bis(2-chloroethyl)ether	<0.072 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
2-Chlorophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Phenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
1,3-Dichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
1,4-Dichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
1,2-Dichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Benzyl alcohol	<1.4 mg/kg dry	1.4	2	01/22/10	kb	01/26/10	avl
Bis(2-chloroisopropyl)ether	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2-Methylphenol (o-Cresol)	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
3,4-Methylphenol (m,p Cresol)	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
N-Nitrosodi-n-propylamine	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Hexachloroethane	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Nitrobenzene	<0.072 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Isophorone	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2-Nitrophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2,4-Dimethylphenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Bis(2-chloroethoxy)methane	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Benzoic acid	<2.6 mg/kg dry	2.6	2	01/22/10	kb	01/26/10	avl
1,2,4-Trichlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2,4-Dichlorophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
<b>Naphthalene</b>	<b>0.23 mg/kg dry</b>	<b>0.18</b>	<b>2</b>	<b>01/22/10</b>	<b>kb</b>	<b>01/26/10</b>	<b>avl</b>
4-Chloroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Hexachlorobutadiene	<0.072 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
4-Chloro-3-methylphenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2-Methylnaphthalene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Hexachlorocyclopentadiene	<0.37 mg/kg dry	0.37	2	01/22/10	kb	01/26/10	avl
2,4,6-Trichlorophenol	<0.072 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-08	Date Collected:	01/21/10 14:45	Matrix:	Soil		
Sample ID:	Concrete-19HS1-10-1	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

2,4,5-Trichlorophenol	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2-Chloronaphthalene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2-Nitroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Dimethyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Acenaphthylene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2,6-Dinitrotoluene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
3-Nitroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Acenaphthene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Dibenzofuran	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
2,4-Dinitrotoluene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
4-Nitrophenol	<1.5 mg/kg dry	1.5	2	01/22/10	kb	01/26/10	avl
2,4-Dinitrophenol	<1.5 mg/kg dry	1.5	2	01/22/10	kb	01/26/10	avl
Diethyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Fluorene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
4-Chlorophenyl phenyl ether	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
4-Nitroaniline	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
4,6-Dinitro-2-methylphenol	<0.37 mg/kg dry	0.37	2	01/22/10	kb	01/26/10	avl
N-Nitrosodiphenylamine	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
4-Bromophenyl phenyl ether	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Hexachlorobenzene	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Pentachlorophenol	<0.78 mg/kg dry	0.78	2	01/22/10	kb	01/26/10	avl
Phenanthrene	1.1 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Anthracene	0.28 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Carbazole	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Di-n-butyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Fluoranthene	0.90 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Pyrene	0.79 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Butyl benzyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Benzo (a) anthracene	0.39 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Chrysene	0.38 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
3,3'-Dichlorobenzidine	<1.4 mg/kg dry	1.4	2	01/22/10	kb	01/26/10	avl N
Bis(2-ethylhexyl)phthalate	2.6 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Di-n-octyl phthalate	<0.18 mg/kg dry	0.18	2	01/22/10	kb	01/26/10	avl
Benzo (b) fluoranthene	0.40 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Benzo (k) fluoranthene	0.13 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Benzo (a) pyrene	0.33 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl
Indeno (1,2,3-cd) pyrene	0.19 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A182-08	Date Collected: 01/21/10 14:45	Matrix: Soil
Sample ID: Concrete-19HS1-10-1	Date Received: 01/22/10 10:41	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenz (a,h) anthracene	<0.072 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl	
Benzo (g,h,i) perylene	0.17 mg/kg dry	0.072	2	01/22/10	kb	01/26/10	avl	
<b>Surrogates:</b>								
2-Fluorophenol	* 5 %	38-81	2	01/22/10	kb	01/26/10	avl	319.5
Phenol-d5	* 24 %	32-102	2	01/22/10	kb	01/26/10	avl	319.5
Nitrobenzene-d5	75 %	36-98	2	01/22/10	kb	01/26/10	avl	
2-Fluorobiphenyl	68 %	44-105	2	01/22/10	kb	01/26/10	avl	
2,4,6-Tribromophenol	* %	38-101	2	01/22/10	kb	01/26/10	avl	319.5
Terphenyl-d14	76 %	46-109	2	01/22/10	kb	01/26/10	avl	

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014534

Aroclor-1016	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1221	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1232	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1242	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/25/10	tim	
Aroclor-1248	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1254	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
Aroclor-1260	<0.072 mg/kg dry	0.072	1	01/22/10	kb	01/22/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	101 %	40-113	1	01/22/10	kb	01/22/10	tim	N
Decachlorobiphenyl	83 %	32-111	1	01/22/10	kb	01/22/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014539

Barium	53 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Cadmium	0.51 mg/kg dry	0.20	1	01/25/10	jd	01/25/10	jn
Chromium	23 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Copper	11 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Lead	13 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Nickel	7.7 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn
Zinc	40 mg/kg dry	0.99	1	01/25/10	jd	01/25/10	jn

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## ANALYTICAL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A182-08	Date Collected:	01/21/10 14:45	Matrix:	Soil		
Sample ID:	Concrete-19HS1-10-1	Date Received:	01/22/10 10:41				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014539

Arsenic	2.8 mg/kg dry	0.099	10	01/25/10	jd	01/25/10	jn
Selenium	<0.20 mg/kg dry	0.20	10	01/25/10	jd	01/25/10	jn
Silver	<0.098 mg/kg dry	0.098	10	01/25/10	jd	01/25/10	jn

Analysis Method: EPA 7471A

Batch: T014539

Mercury	0.48 mg/kg dry	0.15	5	01/25/10	jd	01/25/10	jn
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014537

% Solids	92 % by Wt.	0.10	1	01/22/10	sm	01/22/10	jd	N
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## QUALITY CONTROL RESULTS

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014539

QC Batch Method: EPA 3051 Microwave Assisted  
Digestions for Solids

Analysis Description: Barium, Total

Analysis Method: EPA 6010B

### METHOD BLANK: T014539-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Cadmium	mg/kg dry	<0.20	0.20	
Chromium	mg/kg dry	<2.0	2.0	
Copper	mg/kg dry	<1.0	1.0	
Nickel	mg/kg dry	<1.0	1.0	
Lead	mg/kg dry	<1.0	1.0	
Vanadium	mg/kg dry	<1.0	1.0	
Zinc	mg/kg dry	<1.0	1.0	

### LABORATORY CONTROL SAMPLE: T014539-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	38.1	95	80-120	
Cadmium	mg/kg dry	40.0	37.5	94	80-120	
Chromium	mg/kg dry	40.0	38.4	96	80-120	
Copper	mg/kg dry	40.0	37.5	94	80-120	
Nickel	mg/kg dry	40.0	37.7	94	80-120	
Lead	mg/kg dry	40.0	37.6	94	80-120	
Vanadium	mg/kg dry	40.0	40.0	100	80-120	
Zinc	mg/kg dry	40.0	37.2	93	80-120	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014539-MSD1

Original: T10A182-03

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Barium	mg/kg dry	26.7	39.3	65.7	62.3	98	90	75-125	8	20	
Cadmium	mg/kg dry	0.141	39.3	35.0	35.6	88	90	75-125	3	20	
Chromium	mg/kg dry	8.54	39.3	44.9	44.0	91	90	75-125	1	20	
Copper	mg/kg dry	13.3	39.3	49.9	46.7	92	85	75-125	8	20	
Nickel	mg/kg dry	9.00	39.3	45.0	43.9	91	89	75-125	2	20	
Lead	mg/kg dry	11.0	39.3	49.1	45.2	96	87	75-125	9	20	
Vanadium	mg/kg dry	18.2	39.3	62.3	64.4	111	117	75-125	6	20	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014539-MSD1**

Original: **T10A182-03**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Zinc	mg/kg dry	35.8	39.3	78.2	71.4	106	90	75-125	16	20	

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014539

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Arsenic, Total

Analysis Method: EPA 6020

**METHOD BLANK: T014539-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.10	0.10	
Selenium	mg/kg dry	<0.20	0.20	

**LABORATORY CONTROL SAMPLE: T014539-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.65	93	80-120	
Selenium	mg/kg dry	5.00	4.31	86	80-120	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014539-MSD1**

Original: **T10A182-03**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Arsenic	mg/kg dry	2.45	4.92	7.11	6.58	94	84	75-125	11	20	
Selenium	mg/kg dry	0.189	4.92	3.98	3.92	76	76	75-125	0.6	20	

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014546

QC Batch Method: EPA 3051 Microwave Assisted Digestion with HCl

Analysis Description: Silver, Total

Analysis Method: EPA 6020

**METHOD BLANK: T014546-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

**LABORATORY CONTROL SAMPLE: T014546-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	4.56	91	80-120	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014546-MSD1** Original: T10A182-07

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/kg dry	0.0313	4.81	4.55	4.32	91	89	75-125	3	20	

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014539

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Mercury, Total, EPA 7470/7471

Analysis Method: EPA 7471A

**METHOD BLANK: T014539-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

**LABORATORY CONTROL SAMPLE: T014539-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.200	0.188	94	77-122	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014539-MSD1** Original: T10A182-03

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/kg dry	0.0419	0.197	0.218	0.187	88	74	76-123	18	20	209

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014534

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Description: PCBs

Analysis Method: EPA 8082

**METHOD BLANK: T014534-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.33	0.33	
Aroclor-1221	mg/kg wet	<0.33	0.33	
Aroclor-1232	mg/kg wet	<0.33	0.33	
Aroclor-1242	mg/kg wet	<0.33	0.33	
Aroclor-1248	mg/kg wet	<0.33	0.33	
Aroclor-1254	mg/kg wet	<0.33	0.33	
Aroclor-1260	mg/kg wet	<0.33	0.33	
Tetrachloro-m-xylene (S)	%	68	40-113	
Decachlorobiphenyl (S)	%	60	32-111	

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# LABORATORY CONTROL SAMPLE: T014534-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.664	0.369	56	51-110	
Aroclor-1260	mg/kg wet	0.664	0.378	57	49-110	
Tetrachloro-m-xylene (S)	%	0.0332	0.0233	70	40-113	
Decachlorobiphenyl (S)	%	0.0332	0.0199	60	32-111	

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014534-MSD1 Original: T10A182-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Aroclor-1016	mg/kg dry	0	0.738	0.391	<0.33	53	42	41-118	23	39	
Aroclor-1260	mg/kg dry	0	0.738	0.483	0.355	66	48	41-113	31	40	
Tetrachloro-m-xylene (S)	%		0.0369	0.0211	0.0161	57	44	40-113			
Decachlorobiphenyl (S)	%		0.0369	0.0213	0.0164	58	44	32-111			

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014533

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

# METHOD BLANK: T014533-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.033	0.033	
2-Chlorophenol	mg/kg wet	<0.083	0.083	
Phenol	mg/kg wet	<0.083	0.083	
1,3-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,4-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,2-Dichlorobenzene	mg/kg wet	<0.083	0.083	
Benzyl alcohol	mg/kg wet	<0.66	0.66	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.083	0.083	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.083	0.083	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.083	0.083	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.083	0.083	
Hexachloroethane	mg/kg wet	<0.083	0.083	
Nitrobenzene	mg/kg wet	<0.033	0.033	
Isophorone	mg/kg wet	<0.083	0.083	
2-Nitrophenol	mg/kg wet	<0.083	0.083	
2,4-Dimethylphenol	mg/kg wet	<0.083	0.083	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.083	0.083	
Benzoic acid	mg/kg wet	<1.2	1.2	
1,2,4-Trichlorobenzene	mg/kg wet	<0.083	0.083	
2,4-Dichlorophenol	mg/kg wet	<0.083	0.083	
Naphthalene	mg/kg wet	<0.083	0.083	

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# METHOD BLANK: T014533-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
4-Chloroaniline	mg/kg wet	<0.083	0.083	
Hexachlorobutadiene	mg/kg wet	<0.033	0.033	
4-Chloro-3-methylphenol	mg/kg wet	<0.083	0.083	
2-Methylnaphthalene	mg/kg wet	<0.083	0.083	
Hexachlorocyclopentadiene	mg/kg wet	<0.17	0.17	
2,4,6-Trichlorophenol	mg/kg wet	<0.033	0.033	
2,4,5-Trichlorophenol	mg/kg wet	<0.083	0.083	
2-Chloronaphthalene	mg/kg wet	<0.083	0.083	
2-Nitroaniline	mg/kg wet	<0.083	0.083	
Dimethyl phthalate	mg/kg wet	<0.083	0.083	
Acenaphthylene	mg/kg wet	<0.083	0.083	
2,6-Dinitrotoluene	mg/kg wet	<0.083	0.083	
3-Nitroaniline	mg/kg wet	<0.083	0.083	
Acenaphthene	mg/kg wet	<0.083	0.083	
Dibenzofuran	mg/kg wet	<0.083	0.083	
2,4-Dinitrotoluene	mg/kg wet	<0.083	0.083	
4-Nitrophenol	mg/kg wet	<0.67	0.67	
2,4-Dinitrophenol	mg/kg wet	<0.67	0.67	
Diethyl phthalate	mg/kg wet	<0.083	0.083	
Fluorene	mg/kg wet	<0.083	0.083	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.083	0.083	
4-Nitroaniline	mg/kg wet	<0.083	0.083	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.17	0.17	
N-Nitrosodiphenylamine	mg/kg wet	<0.083	0.083	
4-Bromophenyl phenyl ether	mg/kg wet	<0.083	0.083	
Hexachlorobenzene	mg/kg wet	<0.083	0.083	
Pentachlorophenol	mg/kg wet	<0.36	0.36	
Phenanthrene	mg/kg wet	<0.033	0.033	
Anthracene	mg/kg wet	<0.083	0.083	
Carbazole	mg/kg wet	<0.083	0.083	
Di-n-butyl phthalate	mg/kg wet	<0.083	0.083	
Fluoranthene	mg/kg wet	<0.033	0.033	
Pyrene	mg/kg wet	<0.083	0.083	
Butyl benzyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (a) anthracene	mg/kg wet	<0.033	0.033	
Chrysene	mg/kg wet	<0.033	0.033	
3,3'-Dichlorobenzidine	mg/kg wet	<0.66	0.66	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Di-n-octyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (b) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (k) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (a) pyrene	mg/kg wet	<0.033	0.033	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.033	0.033	
Dibenz (a,h) anthracene	mg/kg wet	<0.033	0.033	
Benzo (g,h,i) perylene	mg/kg wet	<0.033	0.033	

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# **METHOD BLANK: T014533-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
2-Fluorophenol (S)	%	53	38-81	
Phenol-d5 (S)	%	55	32-102	
Nitrobenzene-d5 (S)	%	59	36-98	
2-Fluorobiphenyl (S)	%	56	44-105	
2,4,6-Tribromophenol (S)	%	67	38-101	
Terphenyl-d14 (S)	%	70	46-109	

# **LABORATORY CONTROL SAMPLE: T014533-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.32	2.50	75	49-93	
Phenol	mg/kg wet	3.32	2.50	75	40-90	
1,4-Dichlorobenzene	mg/kg wet	3.32	2.44	73	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	3.32	2.98	90	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	3.32	2.50	75	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.32	2.67	80	50-96	
Acenaphthene	mg/kg wet	3.32	2.38	72	52-105	
2,4-Dinitrotoluene	mg/kg wet	3.32	2.79	84	51-108	
4-Nitrophenol	mg/kg wet	3.32	2.39	72	22-112	
Pentachlorophenol	mg/kg wet	3.32	2.96	89	30-111	
Pyrene	mg/kg wet	3.32	2.56	77	47-114	
2-Fluorophenol (S)	%	3.32	2.44	73	38-81	
Phenol-d5 (S)	%	3.32	2.63	79	32-102	
Nitrobenzene-d5 (S)	%	3.32	2.66	80	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.34	70	44-105	
2,4,6-Tribromophenol (S)	%	3.32	2.86	86	38-101	
Terphenyl-d14 (S)	%	3.32	2.82	85	46-109	

# **MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014533-MSD1**

Original: T10A182-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
2-Chlorophenol	mg/kg dry	0	3.59	2.50	2.59	70	72	43-93	3	23	
Phenol	mg/kg dry	0	3.59	2.51	2.62	70	73	31-91	4	28	
1,4-Dichlorobenzene	mg/kg dry	0	3.59	2.42	2.45	68	68	43-92	1	33	
N-Nitrosodi-n-propylamine	mg/kg dry	0	3.59	3.07	3.16	86	88	32-121	2	26	
1,2,4-Trichlorobenzene	mg/kg dry	0	3.59	2.57	2.63	72	73	43-99	2	33	
4-Chloro-3-methylphenol	mg/kg dry	0	3.59	2.84	2.77	79	77	36-108	3	25	
Acenaphthene	mg/kg dry	0.191	3.59	2.85	2.70	74	70	46-111	6	31	
2,4-Dinitrotoluene	mg/kg dry	0	3.59	2.93	2.75	82	77	18-128	7	28	
4-Nitrophenol	mg/kg dry	0	3.59	2.37	2.31	66	64	15-125	3	26	
Pentachlorophenol	mg/kg dry	0	3.59	1.91	1.96	53	55	14-125	2	25	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014533-MSD1**

Original: T10A182-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Pyrene	mg/kg dry	1.11	3.59	3.63	3.67	70	71	40-124	1	33	
2-Fluorophenol (S)	%		3.59	2.22	2.42	62	67	38-81			
Phenol-d5 (S)	%		3.59	2.51	2.68	70	75	32-102			
Nitrobenzene-d5 (S)	%		3.59	2.65	2.78	74	77	36-98			
2-Fluorobiphenyl (S)	%		3.59	2.54	2.54	71	71	44-105			
2,4,6-Tribromophenol (S)	%		3.59	2.99	3.07	84	85	38-101			
Terphenyl-d14 (S)	%		3.59	3.10	3.10	87	86	46-109			

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014570

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

**METHOD BLANK: T014570-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.10	0.10	
2-Chlorophenol	mg/kg wet	<0.33	0.33	
Phenol	mg/kg wet	<0.33	0.33	
1,3-Dichlorobenzene	mg/kg wet	<0.33	0.33	
1,4-Dichlorobenzene	mg/kg wet	<0.33	0.33	
1,2-Dichlorobenzene	mg/kg wet	<0.33	0.33	
Benzyl alcohol	mg/kg wet	<3.3	3.3	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.33	0.33	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.33	0.33	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.33	0.33	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.33	0.33	
Hexachloroethane	mg/kg wet	<0.30	0.30	
Nitrobenzene	mg/kg wet	<0.33	0.33	
Isophorone	mg/kg wet	<0.33	0.33	
2-Nitrophenol	mg/kg wet	<0.33	0.33	
2,4-Dimethylphenol	mg/kg wet	<0.33	0.33	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.33	0.33	
Benzoic acid	mg/kg wet	<3.3	3.3	
1,2,4-Trichlorobenzene	mg/kg wet	<0.33	0.33	
2,4-Dichlorophenol	mg/kg wet	<0.33	0.33	
Naphthalene	mg/kg wet	<0.33	0.33	
4-Chloroaniline	mg/kg wet	<0.33	0.33	
Hexachlorobutadiene	mg/kg wet	<0.050	0.050	
4-Chloro-3-methylphenol	mg/kg wet	<0.28	0.28	
2-Methylnaphthalene	mg/kg wet	<0.33	0.33	
Hexachlorocyclopentadiene	mg/kg wet	<0.33	0.33	
2,4,6-Trichlorophenol	mg/kg wet	<0.33	0.33	

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# METHOD BLANK: T014570-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4,5-Trichlorophenol	mg/kg wet	<0.33	0.33	
2-Chloronaphthalene	mg/kg wet	<0.33	0.33	
2-Nitroaniline	mg/kg wet	<0.83	0.83	
Dimethyl phthalate	mg/kg wet	<0.33	0.33	
Acenaphthylene	mg/kg wet	<0.33	0.33	
2,6-Dinitrotoluene	mg/kg wet	<0.33	0.33	
3-Nitroaniline	mg/kg wet	<0.83	0.83	
Acenaphthene	mg/kg wet	<0.33	0.33	
Dibenzofuran	mg/kg wet	<0.33	0.33	
2,4-Dinitrotoluene	mg/kg wet	<0.33	0.33	
4-Nitrophenol	mg/kg wet	<0.83	0.83	
2,4-Dinitrophenol	mg/kg wet	<0.83	0.83	
Diethyl phthalate	mg/kg wet	<0.33	0.33	
Fluorene	mg/kg wet	<0.33	0.33	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.33	0.33	
4-Nitroaniline	mg/kg wet	<0.83	0.83	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.83	0.83	
N-Nitrosodiphenylamine	mg/kg wet	<0.33	0.33	
4-Bromophenyl phenyl ether	mg/kg wet	<0.33	0.33	
Hexachlorobenzene	mg/kg wet	<0.33	0.33	
Pentachlorophenol	mg/kg wet	<0.80	0.80	
Phenanthrene	mg/kg wet	<0.33	0.33	
Anthracene	mg/kg wet	<0.33	0.33	
Carbazole	mg/kg wet	<0.33	0.33	
Di-n-butyl phthalate	mg/kg wet	<0.33	0.33	
Fluoranthene	mg/kg wet	<0.33	0.33	
Pyrene	mg/kg wet	<0.33	0.33	
Butyl benzyl phthalate	mg/kg wet	<0.33	0.33	
Benzo (a) anthracene	mg/kg wet	<0.33	0.33	
Chrysene	mg/kg wet	<0.33	0.33	
3,3'-Dichlorobenzidine	mg/kg wet	<2.0	2.0	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.33	0.33	
Di-n-octyl phthalate	mg/kg wet	<0.33	0.33	
Benzo (b) fluoranthene	mg/kg wet	<0.33	0.33	
Benzo (k) fluoranthene	mg/kg wet	<0.33	0.33	
Benzo (a) pyrene	mg/kg wet	<0.33	0.33	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.33	0.33	
Dibenz (a,h) anthracene	mg/kg wet	<0.33	0.33	
Benzo (g,h,i) perylene	mg/kg wet	<0.33	0.33	
2-Fluorophenol (S)	%	79	38-81	
Phenol-d5 (S)	%	77	32-102	
Nitrobenzene-d5 (S)	%	85	36-98	
2-Fluorobiphenyl (S)	%	73	44-105	
2,4,6-Tribromophenol (S)	%	89	38-101	
Terphenyl-d14 (S)	%	92	46-109	

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Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014550

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: Volatiles, Full MDEQ+ List

Analysis Method: EPA 8260B

# METHOD BLANK: T014550-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	mg/kg wet	<0.0050	0.0050	
Chloromethane	mg/kg wet	<0.0050	0.0050	
Vinyl chloride	mg/kg wet	<0.0050	0.0050	
Bromomethane	mg/kg wet	<0.0050	0.0050	
Chloroethane	mg/kg wet	<0.0050	0.0050	
Trichlorofluoromethane	mg/kg wet	<0.0050	0.0050	
Acrolein	mg/kg wet	<0.050	0.050	
Diethyl ether	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethene	mg/kg wet	<0.0050	0.0050	
Acetone	mg/kg wet	<0.050	0.050	
Iodomethane	mg/kg wet	<0.0050	0.0050	
Carbon disulfide	mg/kg wet	<0.025	0.025	
Methyl-tert-butyl ether	mg/kg wet	<0.0050	0.0050	
Methylene chloride	mg/kg wet	<0.0050	0.0050	
Acrylonitrile	mg/kg wet	<0.050	0.050	
trans-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethane	mg/kg wet	<0.0050	0.0050	
Diisopropyl Ether	mg/kg wet	<0.0050	0.0050	
2-Butanone	mg/kg wet	<0.050	0.050	
cis-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
t-Butyl Ethyl Ether	mg/kg wet	<0.0050	0.0050	
Bromochloromethane	mg/kg wet	<0.0050	0.0050	
Tetrahydrofuran	mg/kg wet	<0.020	0.020	
Chloroform	mg/kg wet	<0.0050	0.0050	
1,1,1-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Carbon tetrachloride	mg/kg wet	<0.0050	0.0050	
Benzene	mg/kg wet	<0.0050	0.0050	
t-Amyl Methyl Ether	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane	mg/kg wet	<0.0050	0.0050	
Cyclohexane	mg/kg wet	<0.0050	0.0050	
Trichloroethene	mg/kg wet	<0.0050	0.0050	
1,2-Dichloropropane	mg/kg wet	<0.0050	0.0050	
Dibromomethane	mg/kg wet	<0.0050	0.0050	
Bromodichloromethane	mg/kg wet	<0.0050	0.0050	
cis-1,3-Dichloropropene	mg/kg wet	<0.0050	0.0050	
4-Methyl-2-pentanone	mg/kg wet	<0.050	0.050	
Toluene	mg/kg wet	<0.0050	0.0050	
trans-1,3-Dichloropropene	mg/kg wet	<0.0050	0.0050	
1,1,2-Trichloroethane	mg/kg wet	<0.0050	0.0050	

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# **METHOD BLANK: T014550-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Tetrachloroethene	mg/kg wet	<0.0050	0.0050	
2-Hexanone	mg/kg wet	<0.050	0.050	
Dibromochloromethane	mg/kg wet	<0.0050	0.0050	
1,2-Dibromoethane (EDB)	mg/kg wet	<0.0050	0.0050	
Chlorobenzene	mg/kg wet	<0.0050	0.0050	
1,1,1,2-Tetrachloroethane	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
Styrene	mg/kg wet	<0.0050	0.0050	
Bromoform	mg/kg wet	<0.0050	0.0050	
Isopropylbenzene	mg/kg wet	<0.0050	0.0050	
1,1,2,2-Tetrachloroethane	mg/kg wet	<0.0050	0.0050	
1,2,3-Trichloropropane	mg/kg wet	<0.0050	0.0050	
trans-1,4-Dichloro-2-butene	mg/kg wet	<0.0050	0.0050	
Bromobenzene	mg/kg wet	<0.0050	0.0050	
n-Propylbenzene	mg/kg wet	<0.0050	0.0050	
1,3,5-Trimethylbenzene	mg/kg wet	<0.0050	0.0050	
t-Butyl Benzene	mg/kg wet	<0.0050	0.0050	
1,2,4-Trimethylbenzene	mg/kg wet	<0.0050	0.0050	
sec-Butylbenzene	mg/kg wet	<0.0050	0.0050	
p-Isopropyltoluene	mg/kg wet	<0.0050	0.0050	
1,3-Dichlorobenzene	mg/kg wet	<0.0050	0.0050	
1,4-Dichlorobenzene	mg/kg wet	<0.0050	0.0050	
n-Butylbenzene	mg/kg wet	<0.0050	0.0050	
1,2,3-Trimethylbenzene	mg/kg wet	<0.0010	0.0010	
1,2-Dichlorobenzene	mg/kg wet	<0.0050	0.0050	
1,2-Dibromo-3-chloropropane	mg/kg wet	<0.0050	0.0050	
Hexachloroethane	mg/kg wet	<0.0010	0.0010	
1,2,4-Trichlorobenzene	mg/kg wet	<0.0050	0.0050	
Naphthalene	mg/kg wet	<0.0050	0.0050	
1,2,3-Trichlorobenzene	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane-d4 (S)	%	95	71-131	
Toluene-d8 (S)	%	99	70-130	
4-Bromofluorobenzene (S)	%	94	65-122	
1,2-Dichlorobenzene-d4 (S)	%	95	54-134	

# **METHOD BLANK: T014550-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	mg/kg wet	<0.0050	0.0050	
Chloromethane	mg/kg wet	<0.0050	0.0050	
Vinyl chloride	mg/kg wet	<0.0050	0.0050	
Bromomethane	mg/kg wet	<0.0050	0.0050	

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**METHOD BLANK: T014550-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloroethane	mg/kg wet	<0.0050	0.0050	
Trichlorofluoromethane	mg/kg wet	<0.0050	0.0050	
Acrolein	mg/kg wet	<0.050	0.050	
Diethyl ether	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethene	mg/kg wet	<0.0050	0.0050	
Acetone	mg/kg wet	<0.050	0.050	
Iodomethane	mg/kg wet	<0.0050	0.0050	
Carbon disulfide	mg/kg wet	<0.025	0.025	
Methyl-tert-butyl ether	mg/kg wet	<0.0050	0.0050	
Methylene chloride	mg/kg wet	<0.0050	0.0050	
Acrylonitrile	mg/kg wet	<0.050	0.050	
trans-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethane	mg/kg wet	<0.0050	0.0050	
Diisopropyl Ether	mg/kg wet	<0.0050	0.0050	
2-Butanone	mg/kg wet	<0.050	0.050	
cis-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
t-Butyl Ethyl Ether	mg/kg wet	<0.0050	0.0050	
Bromochloromethane	mg/kg wet	<0.0050	0.0050	
Tetrahydrofuran	mg/kg wet	<0.020	0.020	
Chloroform	mg/kg wet	<0.0050	0.0050	
1,1,1-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Carbon tetrachloride	mg/kg wet	<0.0050	0.0050	
Benzene	mg/kg wet	<0.0050	0.0050	
t-Amyl Methyl Ether	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane	mg/kg wet	<0.0050	0.0050	
Cyclohexane	mg/kg wet	<0.0050	0.0050	
Trichloroethene	mg/kg wet	<0.0050	0.0050	
1,2-Dichloropropane	mg/kg wet	<0.0050	0.0050	
Dibromomethane	mg/kg wet	<0.0050	0.0050	
Bromodichloromethane	mg/kg wet	<0.0050	0.0050	
cis-1,3-Dichloropropene	mg/kg wet	<0.0050	0.0050	
4-Methyl-2-pentanone	mg/kg wet	<0.050	0.050	
Toluene	mg/kg wet	<0.0050	0.0050	
trans-1,3-Dichloropropene	mg/kg wet	<0.0050	0.0050	
1,1,2-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Tetrachloroethene	mg/kg wet	<0.0050	0.0050	
2-Hexanone	mg/kg wet	<0.050	0.050	
Dibromochloromethane	mg/kg wet	<0.0050	0.0050	
1,2-Dibromoethane (EDB)	mg/kg wet	<0.0050	0.0050	
Chlorobenzene	mg/kg wet	<0.0050	0.0050	
1,1,1,2-Tetrachloroethane	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	

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# **METHOD BLANK: T014550-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Styrene	mg/kg wet	<0.0050	0.0050	
Bromoform	mg/kg wet	<0.0050	0.0050	
Isopropylbenzene	mg/kg wet	<0.0050	0.0050	
1,1,2,2-Tetrachloroethane	mg/kg wet	<0.0050	0.0050	
1,2,3-Trichloropropane	mg/kg wet	<0.0050	0.0050	
trans-1,4-Dichloro-2-butene	mg/kg wet	<0.0050	0.0050	
Bromobenzene	mg/kg wet	<0.0050	0.0050	
n-Propylbenzene	mg/kg wet	<0.0050	0.0050	
1,3,5-Trimethylbenzene	mg/kg wet	<0.0050	0.0050	
t-Butyl Benzene	mg/kg wet	<0.0050	0.0050	
1,2,4-Trimethylbenzene	mg/kg wet	<0.0050	0.0050	
sec-Butylbenzene	mg/kg wet	<0.0050	0.0050	
p-Isopropyltoluene	mg/kg wet	<0.0050	0.0050	
1,3-Dichlorobenzene	mg/kg wet	<0.0050	0.0050	
1,4-Dichlorobenzene	mg/kg wet	<0.0050	0.0050	
n-Butylbenzene	mg/kg wet	<0.0050	0.0050	
1,2,3-Trimethylbenzene	mg/kg wet	<0.0010	0.0010	
1,2-Dichlorobenzene	mg/kg wet	<0.0050	0.0050	
1,2-Dibromo-3-chloropropane	mg/kg wet	<0.0050	0.0050	
Hexachloroethane	mg/kg wet	<0.0010	0.0010	
1,2,4-Trichlorobenzene	mg/kg wet	<0.0050	0.0050	
Naphthalene	mg/kg wet	<0.0050	0.0050	
1,2,3-Trichlorobenzene	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane-d4 (S)	%	95	71-131	
Toluene-d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	94	54-134	

# **LABORATORY CONTROL SAMPLE: T014550-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	0.0200	0.0202	101	65-144	
Benzene	mg/kg wet	0.0200	0.0202	101	65-129	
Trichloroethene	mg/kg wet	0.0200	0.0208	104	60-130	
Toluene	mg/kg wet	0.0200	0.0202	101	61-129	
Chlorobenzene	mg/kg wet	0.0200	0.0200	100	63-123	
1,2-Dichloroethane-d4 (S)	%	30.0	27.4	91	71-131	
Toluene-d8 (S)	%	30.0	29.7	99	70-130	
4-Bromofluorobenzene (S)	%	30.0	28.4	95	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.2	94	54-134	

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# LABORATORY CONTROL SAMPLE: T014550-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	0.0400	0.0392	98	65-144	
Benzene	mg/kg wet	0.0400	0.0409	102	65-129	
Trichloroethene	mg/kg wet	0.0400	0.0418	105	60-130	
Toluene	mg/kg wet	0.0400	0.0406	101	61-129	
Chlorobenzene	mg/kg wet	0.0400	0.0404	101	63-123	
1,2-Dichloroethane-d4 (S)	%	30.0	27.4	91	71-131	
Toluene-d8 (S)	%	30.0	29.6	98	70-130	
4-Bromofluorobenzene (S)	%	30.0	28.2	94	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.2	94	54-134	

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014550-MSD1 Original: T10A182-03

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
1,1-Dichloroethene	mg/kg dry	0	0.0179	0.0173	0.0160	90	89	62-173	0.4	33	
Benzene	mg/kg dry	0	0.0179	0.0175	0.0162	91	90	64-142	0.6	21	
Trichloroethene	mg/kg dry	0	0.0179	0.0307	0.0279	159	156	60-158	2	21	208
Toluene	mg/kg dry	0	0.0179	0.0172	0.0162	89	90	51-195	1	28	
Chlorobenzene	mg/kg dry	0	0.0179	0.0167	0.0157	87	88	47-161	1	24	
1,2-Dichloroethane-d4 (S)	%		30.0	27.8	27.1	93	90	71-131			
Toluene-d8 (S)	%		30.0	30.5	29.7	102	99	70-130			
4-Bromofluorobenzene (S)	%		30.0	30.2	29.6	101	99	65-122			
1,2-Dichlorobenzene-d4 (S)	%		30.0	28.9	28.9	96	96	54-134			

Trace Project ID: T10A182

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014537

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

# SAMPLE DUPLICATE: T014537-DUP1 Original: T10A182-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	90.4	90.4	0.07	20	

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## CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

Page 1 of 1

TRACE ID NO.

T10A182

Report Results To:		Client Name: <u>RMT Inc</u>		Logged By: <u>[Signature]</u>		Checked By: <u>[Signature]</u>		
		Contact Person: <u>JENNIFER OVERDUORDE</u>		Received on Ice: <u>Yes</u> <u>No</u>		Preservative Checked: <u>Yes</u> <u>No</u> <u>N/A</u>		
		Mailing Address: <u>2025 E. BELTLINE. AVE SE SUITE 402</u>		Soil Volatiles Preserved: <u>MeOH</u> En Core <u>Low Level</u> Lab				
		City, State, Zip Code: <u>GRAND RAPIDS MI 49546</u>						
Phone: <u>616 975 5415</u>		Fax: <u>616 975 1098</u>		Regulatory Requirements				
Email Address: <u>JENNIFER.OVERDUORDE@RMTINC.COM</u>				Turnaround Requirements				
Project #: <u>6527.40</u>		PO #: _____		Trace Quote #: _____		Matrix Key		
Project Name: <u>LEC MWAHSI REMEDIATION</u>				Sampled by: <u>SP</u>		ANALYSIS REQUESTED		
Billing Address (if different): _____		<div style="display: flex; justify-content: space-between;"> <div> <p>VOCs</p> <p>SUOCs</p> <p>Total Metals</p> <p>PCBs</p> </div> <div> <p>REMARKS</p> </div> <div> <p>Possible Health Hazard</p> </div> </div>						
City, State, Zip Code: <u>MADISON WI</u>								
Attn: _____ Phone: _____ Fax: _____								
Request for Analytical Services		TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS
01	1/21/10	1010	NA	SS-19HSI-10-1	S	5	X	X
02	1/21/10	1030		SS-19HSI-10-2	S	5	X	X
03	1/21/10	1045		SS-19HSI-10-3	S	5	X	X
04	1/21/10	1100		SS-19HSI-10-4	S	5	X	X
05	1/21/10	1140		SS-19HSI-10-5	S	5	X	X
06	1/21/10	1150		SS-19HSI-10-6	S	5	X	X
07	1/21/10	1200		SS-19HSI-10-7	S	5	X	X
08	1/21/10	1445	✓	CONCRETE-19HSI-10-1	S	5	X	X
Please Sign		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY
		1)	<u>[Signature]</u>	<u>[Signature]</u>	1/21/10	1730	3)	
		2)	<u>Fed-Ex</u>	<u>[Signature]</u>	1/22/10	10:41	4)	

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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### SAMPLE LOG IN CHECKLIST

Date: <u>1-22-10</u>		Client Name: <u>BMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10A182</u>		Project Name: <u>J. Smith</u>		Cooler #s: _____	
		Logged in by: <u>J. Smith</u>		Cooler #s: _____	

**Cooler Receipt**

Cooler/samples delivered by:	Trace courier <input type="checkbox"/>	Name of delivery person: _____
	Hand delivered <input type="checkbox"/>	
	Commercial courier <input checked="" type="checkbox"/>	UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>

Did cooler come with a bill of lading?      No ☐      ☐ Not Applicable

Yes ☒      Way Bill or Tracking #: \_\_\_\_\_

COC Seals present and intact on cooler?      No ☒      ☐ Not Applicable

Yes ☐

Custody seals signed by Client?      No ☒      Client custody seal # (if applicable): \_\_\_\_\_

Yes ☐

**Coolant and Temperature**

<p><b>Type of Coolant Used</b></p> <table style="width:100%;"> <tr> <th></th> <th>Yes</th> <th>No</th> </tr> <tr> <td>Slurry w/ crushed, cubed, or chip ice?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Multiple bags of ice around samples?</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Ice Packs/ Blue Ice :</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>No Coolant Present:</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		Yes	No	Slurry w/ crushed, cubed, or chip ice?	<input type="checkbox"/>	<input type="checkbox"/>	Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>	No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>Cooler Temperature</b>      Correction Factor <u>10.2</u> °C</p> <p>Date: <u>1-22-10</u>      Time: <u>10:41</u></p> <p>Temperature Blank: _____ °C</p> <p>Range of 3 samples: <u>10</u> °C</p> <p>Melt Water: _____ °C</p> <p>Ice still present upon receipt: <input checked="" type="checkbox"/> Yes      <input type="checkbox"/> No</p>
	Yes	No														
Slurry w/ crushed, cubed, or chip ice?	<input type="checkbox"/>	<input type="checkbox"/>														
Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>														
No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>														

**General**

	Yes	No	NA
COC taped to inside of cooler lid?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Contact: \_\_\_\_\_      Date: \_\_\_\_\_

**Notes:**

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# FIELD WORKSHEET FOR METHANOL PRESERVED SOILS

CLIENT: BMT TRACE QUOTE #: \_\_\_\_\_  
PROJECT: \_\_\_\_\_ TRACE ID: T10A182  
DATE SAMPLED: \_\_\_\_\_ LOG-IN DATE: \_\_\_\_\_

**\*IT IS RECOMMENDED THAT WHEN SAMPLING, 10 GRAMS of SOIL BE COLLECTED**

TRACE SAMPLE ID	CLIENT SAMPLE ID	JAR WT (g)	WT of SOIL (g)	JAR + SOIL + MeOH (g)	LAB WT CHECK (g)	FOR LAB USE ONLY COMMENTS	LAB USE ONLY (ml MeOH)
01 A	SS19H51-10-1-A	32.19			38.6		
01 B	10-1-B	32.10			38.4		
01 C	10-1-C	34.04			46.2		
02 A	10-2-A	31.99			38.1		
02 B	10-2-B	32.30			38.6		
02 C	10-2-C	34.02			46.2		
03 A	10-3-A	32.23			44.2		
03-B	10-3-B	32.06			38.1		
03-C	10-3-C	32.01			38.0		
04-A	10-4-A	32.34			38.6		

For complete sampling information please refer to the Chain-of-Custody for this project.  
G:\QA\QC Program Folder\VOC Pres Information\FIELD WORKSHEET FOR METHANOL PRESERVED SOILS

Lab use: Sample Weight Checked by: \_\_\_\_\_  
Version 1.3 - 09-20-2001

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## FIELD WORKSHEET FOR METHANOL PRESERVED SOILS

CLIENT: \_\_\_\_\_ TRACE QUOTE #: \_\_\_\_\_  
PROJECT: \_\_\_\_\_ TRACE ID: T10A182  
DATE SAMPLED: \_\_\_\_\_ LOG-IN DATE: \_\_\_\_\_

**\*IT IS RECOMMENDED THAT WHEN SAMPLING, 10 GRAMS of SOIL BE COLLECTED**

TRACE SAMPLE ID	CLIENT SAMPLE ID	JAR WT (g)	WT of SOIL (g)	JAR + SOIL + MeOH (g)	LAB WT CHECK (g)	FOR LAB USE ONLY COMMENTS	LAB USE ONLY (ml MeOH)
04-B	10-4-B	32.18			38.4		
04-C	10-4-C	33.94			46.4		
05-A	10-5-A	32.12			38.8		
05-B	10-5-B	32.05			38.2		
05-C	10-5-C	34.57			47.2		
06-A	10-6-A	32.08			37.8		
06-B	10-6-B	32.05			37.7		
06-C	10-6-C	34.03			46.2		
07-A	10-7-A	31.92			37.9		
07-B	10-7-B	32.21			38.3		

For complete sampling information please refer to the Chain-of-Custody for this project.  
G:\QA\QC Program Folder\VOC Pres Information\FIELD WORKSHEET FOR METHANOL PRESERVED SOILS

Lab use: Sample Weight Checked by: \_\_\_\_\_  
Version 1.3 - 09-20-2001

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## FIELD WORKSHEET FOR METHANOL PRESERVED SOILS

CLIENT: \_\_\_\_\_ TRACE QUOTE #: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_ TRACE ID: T10A182  
 DATE SAMPLED: \_\_\_\_\_ LOG-IN DATE: \_\_\_\_\_

**\*IT IS RECOMMENDED THAT WHEN SAMPLING, 10 GRAMS of SOIL BE COLLECTED**

TRACE SAMPLE ID	CLIENT SAMPLE ID	JAR WT (g)	WT of SOIL (g)	JAR + SOIL + MeOH (g)	LAB WT CHECK (g)	FOR LAB USE ONLY COMMENTS	LAB USE ONLY (ml MeOH)
07-C	10-7-C	34.13			46.2 45	L	
08-A	concrete box-A	32.07			38.1		
08-B	B	31.99			37.8		
08-C	C	34.08			46.3		

For complete sampling information please refer to the Chain-of-Custody for this project.  
 G:\QA\QC Program Folder\WOC Pres Information\FIELD WORKSHEET FOR METHANOL PRESERVED SOILS

Lab use: Sample Weight Checked by: \_\_\_\_\_  
 Version 1.3 - 09-20-2001

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## Bottle Order Form

Trace Project Manager: Jon Mink

Bottle Order Expiration Date:

<b>Client:</b> RMT, Inc.	<b>Contact:</b> Jennifer Overvoorde
<b>Ship to:</b> Quality Inn Ledgewood	<b>Project:</b> L.E.C. MW19HS1 Confirmation Samples
<b>1691 Route 46 West</b>	
<b>Ledgewood, NJ 07852</b>	<b>Telephone No.:</b> (616)975-5415
<b>Attn:</b> Scott Pawlukiewicz (Guest)	<b>Date Required:</b> 01/14/10

### Parameters:

Matrix	# Samples	Parameter	Matrix	# Samples	Parameter
S	35	8260 BTEX, DEHP			

### Sample Containers:

# Bottles	Bottle Type	Preservative	Sampling Instructions / # of bottles per sample
40	Terracore Kits	DI/MeOH	1 kit per sample point (2 at MS/MSD)
<b>** 1 case DI Vials being drop shipped to site, include extra foams and several small coolers.**</b>			
<b>Please put 6g soil in DI Water Vials and 12g soil into MeOH Vials</b>			

### Additional Supplies:

<b>Labels:</b> Yes	<b>COCs:</b>
<b>Cooler:</b> Yes	<b>Temp Blar</b>
<b>Trip Blanks</b> Yes	<b>Instructio</b>

Method of Shipment: UPS-reg.

Date Sent/Initials: 1-11-10

Filled By

**SEE REVERSE SIDE FOR IMPORTANT SAMPLE ACCE**

02/06

Boform.xls

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February 04, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B014  
Client Project LEC MW19HS1 Remediation / 6527.40

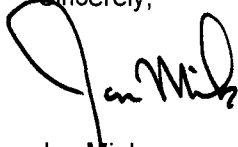
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures





## SAMPLE SUMMARY

Trace Project ID: T10B014  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B014-01	SS-19HS1-20S10W	Soil	sp	02/01/10 11:00	02/02/10 10:22
T10B014-02	SS-19HS1-30S10W	Soil	sp	02/01/10 11:20	02/02/10 10:22
T10B014-03	SS-19HS1-20S27W	Soil	sp	02/01/10 11:45	02/02/10 10:22
T10B014-04	SS-19HS1-30S27W	Soil	sp	02/01/10 12:10	02/02/10 10:22
T10B014-05	SS-19HS1-20S45W	Soil	sp	02/01/10 13:45	02/02/10 10:22
T10B014-06	SS-19HS1-30S45W	Soil	sp	02/01/10 14:00	02/02/10 10:22
T10B014-07	Trip Blank	Water	sp	01/11/10	02/02/10 10:22

## CERTIFICATE OF ANALYSIS

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

Trace ID: T10B014-01

#### **Analysis: EPA 8270C**

**2-Fluorobiphenyl**

Note 802 : One of the base/neutral surrogate recoveries was outside the control limits. Since the other two base/neutral surrogates were within the control limits, no data require qualification.

Trace ID: T10B014-02

#### **Analysis: EPA 8260B**

**4-Bromofluorobenzene**

Note 311 : The surrogate recovery was out of control high when compared to the control limits, due to analyte interference. No data require qualification.

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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B014-01	Date Collected:	02/01/10 11:00	Matrix:	Soil		
Sample ID:	SS-19HS1-20S10W	Date Received:	02/02/10 10:22				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014669

Benzene	<0.0052 mg/kg dry	0.0052	1	02/02/10	jp	02/02/10	jp	
Toluene	<b>0.034 mg/kg dry</b>	<b>0.0052</b>	<b>1</b>	<b>02/02/10</b>	<b>jp</b>	<b>02/02/10</b>	<b>jp</b>	
Ethylbenzene	<0.0052 mg/kg dry	0.0052	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<0.0052 mg/kg dry	0.0052	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	<0.016 mg/kg dry	0.016	1	02/02/10	jp	02/02/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	92 %	71-131	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	112 %	70-130	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	117 %	65-122	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	92 %	54-134	1	02/02/10	jp	02/02/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	1	02/02/10	kb	02/02/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	47 %	36-98	1	02/02/10	kb	02/02/10	avl	
2-Fluorobiphenyl	* 38 %	44-105	1	02/02/10	kb	02/02/10	avl	802
Terphenyl-d14	55 %	46-109	1	02/02/10	kb	02/02/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	69 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B014-02	Date Collected:	02/01/10 11:20	Matrix:	Soil		
Sample ID:	SS-19HS1-30S10W	Date Received:	02/02/10 10:22				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014669

Benzene	<0.0047 mg/kg dry	0.0047	1	02/02/10	jp	02/02/10	jp	
Toluene	0.018 mg/kg dry	0.0047	1	02/02/10	jp	02/02/10	jp	
Ethylbenzene	<0.0047 mg/kg dry	0.0047	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	<0.0094 mg/kg dry	0.0094	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<0.0047 mg/kg dry	0.0047	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	<0.014 mg/kg dry	0.014	1	02/02/10	jp	02/02/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	95 %	71-131	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	127 %	70-130	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	* 127 %	65-122	1	02/02/10	jp	02/02/10	jp	311
1,2-Dichlorobenzene-d4	118 %	54-134	1	02/02/10	jp	02/02/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	2	02/02/10	kb	02/02/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	72 %	36-98	2	02/02/10	kb	02/02/10	avl	
2-Fluorobiphenyl	60 %	44-105	2	02/02/10	kb	02/02/10	avl	
Terphenyl-d14	69 %	46-109	2	02/02/10	kb	02/02/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	87 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B014-03	Date Collected:	02/01/10 11:45	Matrix:	Soil		
Sample ID:	SS-19HS1-20S27W	Date Received:	02/02/10 10:22				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014669

Benzene	<0.0048 mg/kg dry	0.0048	1	02/02/10	jp	02/02/10	jp	
Toluene	0.024 mg/kg dry	0.0048	1	02/02/10	jp	02/02/10	jp	
Ethylbenzene	<0.0048 mg/kg dry	0.0048	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	<0.0097 mg/kg dry	0.0097	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<0.0048 mg/kg dry	0.0048	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/02/10	jp	02/02/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	96 %	71-131	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	112 %	70-130	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	113 %	65-122	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	105 %	54-134	1	02/02/10	jp	02/02/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	1	02/02/10	kb	02/03/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	62 %	36-98	1	02/02/10	kb	02/03/10	avl	
2-Fluorobiphenyl	50 %	44-105	1	02/02/10	kb	02/03/10	avl	
Terphenyl-d14	74 %	46-109	1	02/02/10	kb	02/03/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	77 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B014-04	Date Collected:	02/01/10 12:10	Matrix:	Soil		
Sample ID:	SS-19HS1-30S27W	Date Received:	02/02/10 10:22				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014669

Benzene	<0.0043 mg/kg dry	0.0043	1	02/02/10	jp	02/02/10	jp	
Toluene	0.014 mg/kg dry	0.0043	1	02/02/10	jp	02/02/10	jp	
Ethylbenzene	<0.0043 mg/kg dry	0.0043	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	<0.0086 mg/kg dry	0.0086	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<0.0043 mg/kg dry	0.0043	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	<0.013 mg/kg dry	0.013	1	02/02/10	jp	02/02/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	98 %	71-131	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	110 %	70-130	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	119 %	65-122	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	111 %	54-134	1	02/02/10	jp	02/02/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-ethylhexyl)phthalate	0.44 mg/kg dry	0.33	2	02/02/10	kb	02/03/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	85 %	36-98	2	02/02/10	kb	02/03/10	avl	
2-Fluorobiphenyl	74 %	44-105	2	02/02/10	kb	02/03/10	avl	
Terphenyl-d14	86 %	46-109	2	02/02/10	kb	02/03/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	88 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B014-05	Date Collected:	02/01/10 13:45	Matrix:	Soil		
Sample ID:	SS-19HS1-20S45W	Date Received:	02/02/10 10:22				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014669

Benzene	<0.0023 mg/kg dry	0.0023	1	02/02/10	jp	02/02/10	jp	
Toluene	0.028 mg/kg dry	0.0023	1	02/02/10	jp	02/02/10	jp	
Ethylbenzene	<0.0023 mg/kg dry	0.0023	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	0.0072 mg/kg dry	0.0046	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<0.0023 mg/kg dry	0.0023	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	0.0095 mg/kg dry	0.0070	1	02/02/10	jp	02/02/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	101 %	71-131	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	102 %	70-130	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	105 %	65-122	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/02/10	jp	02/02/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-ethylhexyl)phthalate	18 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	63 %	36-98	5	02/02/10	kb	02/03/10	avl	
2-Fluorobiphenyl	58 %	44-105	5	02/02/10	kb	02/03/10	avl	
Terphenyl-d14	76 %	46-109	5	02/02/10	kb	02/03/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	85 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B014-06	Date Collected: 02/01/10 14:00	Matrix: Soil
Sample ID: SS-19HS1-30S45W	Date Received: 02/02/10 10:22	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014669

Benzene	<0.0022 mg/kg dry	0.0022	1	02/02/10	jp	02/02/10	jp	
Toluene	0.0048 mg/kg dry	0.0022	1	02/02/10	jp	02/02/10	jp	
Ethylbenzene	<0.0022 mg/kg dry	0.0022	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	<0.0043 mg/kg dry	0.0043	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<0.0022 mg/kg dry	0.0022	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	<0.0065 mg/kg dry	0.0065	1	02/02/10	jp	02/02/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	99 %	71-131	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	97 %	70-130	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	98 %	65-122	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	95 %	54-134	1	02/02/10	jp	02/02/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-ethylhexyl)phthalate	11 mg/kg dry	0.47	5	02/02/10	kb	02/03/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	65 %	36-98	5	02/02/10	kb	02/03/10	avl	
2-Fluorobiphenyl	64 %	44-105	5	02/02/10	kb	02/03/10	avl	
Terphenyl-d14	71 %	46-109	5	02/02/10	kb	02/03/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	89 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B014-07	Date Collected: 01/11/10	Matrix: Water
Sample ID: Trip Blank	Date Received: 02/02/10 10:22	
<hr/>		
PARAMETERS	RESULTS UNITS	RDL DILUTION PREPARED BY ANALYZED BY NOTES MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014683

Benzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Toluene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Ethylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
m,p-Xylene	<2.0 ug/L	2.0	1	02/02/10	jp	02/02/10	jp	N
o-Xylene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	N
Xylenes, total	<3.0 ug/L	3.0	1	02/02/10	jp	02/02/10	jp	
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	101 %	70-133	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	105 %	76-125	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	98 %	71-123	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	90 %	72-123	1	02/02/10	jp	02/02/10	jp	

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## QUALITY CONTROL RESULTS

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014660

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

### METHOD BLANK: T014660-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.033	0.033	
2-Chlorophenol	mg/kg wet	<0.083	0.083	
Phenol	mg/kg wet	<0.083	0.083	
1,3-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,4-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,2-Dichlorobenzene	mg/kg wet	<0.083	0.083	
Benzyl alcohol	mg/kg wet	<0.66	0.66	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.083	0.083	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.083	0.083	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.083	0.083	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.083	0.083	
Hexachloroethane	mg/kg wet	<0.083	0.083	
Nitrobenzene	mg/kg wet	<0.033	0.033	
Isophorone	mg/kg wet	<0.083	0.083	
2-Nitrophenol	mg/kg wet	<0.083	0.083	
2,4-Dimethylphenol	mg/kg wet	<0.083	0.083	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.083	0.083	
Benzoic acid	mg/kg wet	<1.2	1.2	
1,2,4-Trichlorobenzene	mg/kg wet	<0.083	0.083	
2,4-Dichlorophenol	mg/kg wet	<0.083	0.083	
Naphthalene	mg/kg wet	<0.083	0.083	
4-Chloroaniline	mg/kg wet	<0.083	0.083	
Hexachlorobutadiene	mg/kg wet	<0.033	0.033	
4-Chloro-3-methylphenol	mg/kg wet	<0.083	0.083	
2-Methylnaphthalene	mg/kg wet	<0.083	0.083	
Hexachlorocyclopentadiene	mg/kg wet	<0.17	0.17	
2,4,6-Trichlorophenol	mg/kg wet	<0.033	0.033	
2,4,5-Trichlorophenol	mg/kg wet	<0.083	0.083	
2-Chloronaphthalene	mg/kg wet	<0.083	0.083	
2-Nitroaniline	mg/kg wet	<0.083	0.083	
Dimethyl phthalate	mg/kg wet	<0.083	0.083	
Acenaphthylene	mg/kg wet	<0.083	0.083	
2,6-Dinitrotoluene	mg/kg wet	<0.083	0.083	
3-Nitroaniline	mg/kg wet	<0.083	0.083	
Acenaphthene	mg/kg wet	<0.083	0.083	
Dibenzofuran	mg/kg wet	<0.083	0.083	
2,4-Dinitrotoluene	mg/kg wet	<0.083	0.083	
4-Nitrophenol	mg/kg wet	<0.67	0.67	
2,4-Dinitrophenol	mg/kg wet	<0.67	0.67	

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# **METHOD BLANK: T014660-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Diethyl phthalate	mg/kg wet	<0.083	0.083	
Fluorene	mg/kg wet	<0.083	0.083	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.083	0.083	
4-Nitroaniline	mg/kg wet	<0.083	0.083	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.17	0.17	
N-Nitrosodiphenylamine	mg/kg wet	<0.083	0.083	
4-Bromophenyl phenyl ether	mg/kg wet	<0.083	0.083	
Hexachlorobenzene	mg/kg wet	<0.083	0.083	
Pentachlorophenol	mg/kg wet	<0.36	0.36	
Phenanthrene	mg/kg wet	<0.033	0.033	
Anthracene	mg/kg wet	<0.083	0.083	
Carbazole	mg/kg wet	<0.083	0.083	
Di-n-butyl phthalate	mg/kg wet	<0.083	0.083	
Fluoranthene	mg/kg wet	<0.033	0.033	
Pyrene	mg/kg wet	<0.083	0.083	
Butyl benzyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (a) anthracene	mg/kg wet	<0.033	0.033	
Chrysene	mg/kg wet	<0.033	0.033	
3,3'-Dichlorobenzidine	mg/kg wet	<0.66	0.66	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Di-n-octyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (b) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (k) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (a) pyrene	mg/kg wet	<0.033	0.033	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.033	0.033	
Dibenz (a,h) anthracene	mg/kg wet	<0.033	0.033	
Benzo (g,h,i) perylene	mg/kg wet	<0.033	0.033	
2-Fluorophenol (S)	%	66	38-81	
Phenol-d5 (S)	%	61	32-102	
Nitrobenzene-d5 (S)	%	72	36-98	
2-Fluorobiphenyl (S)	%	61	44-105	
2,4,6-Tribromophenol (S)	%	73	38-101	
Terphenyl-d14 (S)	%	74	46-109	

# **LABORATORY CONTROL SAMPLE: T014660-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.32	2.30	69	49-93	
Phenol	mg/kg wet	3.32	2.12	64	40-90	
1,4-Dichlorobenzene	mg/kg wet	3.32	2.24	67	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	3.32	2.89	87	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	3.32	2.23	67	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.32	2.49	75	50-96	
Acenaphthene	mg/kg wet	3.32	2.28	69	52-105	

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# LABORATORY CONTROL SAMPLE: T014660-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/kg wet	3.32	2.51	76	51-108	
4-Nitrophenol	mg/kg wet	3.32	1.73	52	22-112	
Pentachlorophenol	mg/kg wet	3.32	2.77	83	30-111	
Pyrene	mg/kg wet	3.32	2.51	76	47-114	
2-Fluorophenol (S)	%	3.32	2.42	73	38-81	
Phenol-d5 (S)	%	3.32	2.49	75	32-102	
Nitrobenzene-d5 (S)	%	3.32	2.63	79	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.32	70	44-105	
2,4,6-Tribromophenol (S)	%	3.32	2.90	87	38-101	
Terphenyl-d14 (S)	%	3.32	2.67	81	46-109	

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014660-MSD1 Original: T10B014-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
2-Chlorophenol	mg/kg dry	0	4.85	3.19	3.43	66	71	43-93	7	23	
Phenol	mg/kg dry	0	4.85	2.98	3.09	61	64	31-91	4	28	
1,4-Dichlorobenzene	mg/kg dry	0	4.85	2.26	2.79	47	58	43-92	21	33	
N-Nitrosodi-n-propylamine	mg/kg dry	0.361	4.85	4.11	4.42	77	84	32-121	8	26	
1,2,4-Trichlorobenzene	mg/kg dry	0	4.85	2.61	3.03	54	62	43-99	15	33	
4-Chloro-3-methylphenol	mg/kg dry	0	4.85	3.65	3.88	75	80	36-108	6	25	
Acenaphthene	mg/kg dry	0	4.85	3.20	3.21	66	66	46-111	0.2	31	
2,4-Dinitrotoluene	mg/kg dry	0	4.85	3.59	3.59	74	74	18-128	0.04	28	
4-Nitrophenol	mg/kg dry	0	4.85	2.49	2.56	51	53	15-125	3	26	
Pentachlorophenol	mg/kg dry	0	4.85	3.93	4.12	81	85	14-125	5	25	
Pyrene	mg/kg dry	0	4.85	3.35	3.41	69	70	40-124	2	33	
2-Fluorophenol (S)	%		4.85	3.10	3.33	64	69	38-81			
Phenol-d5 (S)	%		4.85	3.33	3.50	69	72	32-102			
Nitrobenzene-d5 (S)	%		4.85	3.22	3.59	67	74	36-98			
2-Fluorobiphenyl (S)	%		4.85	2.74	2.69	57	56	44-105			
2,4,6-Tribromophenol (S)	%		4.85	3.78	3.84	78	79	38-101			
Terphenyl-d14 (S)	%		4.85	3.37	3.42	69	70	46-109			

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014669

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and

Analysis Method: EPA 8260B

# METHOD BLANK: T014669-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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#### METHOD BLANK: T014669-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	mg/kg wet	<0.0050	0.0050	
Toluene	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
1,2-Dichloroethane-d4 (S)	%	98	71-131	
Toluene-d8 (S)	%	95	70-130	
4-Bromofluorobenzene (S)	%	94	65-122	
1,2-Dichlorobenzene-d4 (S)	%	95	54-134	

#### LABORATORY CONTROL SAMPLE: T014669-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	mg/kg wet	0.0200	0.0206	103	65-129	
Toluene	mg/kg wet	0.0200	0.0202	101	61-129	
1,2-Dichloroethane-d4 (S)	%	30.0	27.4	91	71-131	
Toluene-d8 (S)	%	30.0	29.2	98	70-130	
4-Bromofluorobenzene (S)	%	30.0	27.6	92	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.4	95	54-134	

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014683

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

#### METHOD BLANK: T014683-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	99	70-133	
Toluene-d8 (S)	%	105	76-125	
4-Bromofluorobenzene (S)	%	101	71-123	
1,2-Dichlorobenzene-d4 (S)	%	91	72-123	

#### LABORATORY CONTROL SAMPLE: T014683-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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**LABORATORY CONTROL SAMPLE: T014683-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.0	95	80-120	
Toluene	ug/L	20.0	19.2	96	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	44.6	99	70-133	
Toluene-d8 (S)	%	45.0	47.1	105	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.3	103	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	43.4	97	72-123	

Trace Project ID: T10B014

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014662

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

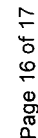
Analysis Method: % Calculation

**SAMPLE DUPLICATE: T014662-DUP1** Original: T10B014-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	68.6	72.3	5	20	

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### SAMPLE LOG IN CHECKLIST

Date: <u>2-2-10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B014</u> <u>T10B015</u>		Project Name: _____		Cooler #s: _____	
Logged in by: <u>[Signature]</u>				Cooler #s: _____	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>		<b>Cooler Temperature</b> Correction Factor <u>+0.2</u> °C			
		Yes    No		Date: <u>2-2-10</u> Time: <u>10:22</u>	
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/>		<input type="checkbox"/>		Temperature Blank: _____ °C	
Multiple bags of ice around samples? <input checked="" type="checkbox"/>		<input type="checkbox"/>		Range of 3 samples: <u>12</u> °C	
Ice Packs/ Blue Ice: <input type="checkbox"/>		<input type="checkbox"/>		Melt Water: _____ °C	
No Coolant Present: <input type="checkbox"/>				Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>General</b>					
			Yes	No	NA
COC taped to inside of cooler lid?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Correct preservative added to samples?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air bubbles absent from VOAs?			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact: _____			Date: _____		
Notes:					

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February 09, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B066  
Client Project LEC MW19HS1 Remediation / 6527.40

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



## SAMPLE SUMMARY

Trace Project ID: T10B066  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B066-01	SS-19HSI-10S70W	Soil	sp	02/04/10 13:10	02/05/10 10:36
T10B066-02	SS-19HSI-9S 65W	Soil	sp	02/04/10 13:20	02/05/10 10:36
T10B066-03	SS-19HSI-10N 68W	Soil	sp	02/04/10 13:35	02/05/10 10:36
T10B066-04	SS-19HSI-10N 60W	Soil	sp	02/04/10 13:45	02/05/10 10:36
T10B066-05	SS-19HSI-30N 51W	Soil	sp	02/04/10 14:00	02/05/10 10:36
T10B066-06	SS-19HSI-25N 48W	Soil	sp	02/04/10 14:15	02/05/10 10:36
T10B066-07	SS-19HSI-40N 30W	Soil	sp	02/04/10 14:30	02/05/10 10:36
T10B066-08	SS-19HSI-35N 30W	Soil	sp	02/04/10 14:40	02/05/10 10:36
T10B066-09	SS-19HSI-38N 10W	Soil	sp	02/04/10 14:50	02/05/10 10:36
T10B066-10	SS-19HSI-30N 10W	Soil	sp	02/04/10 15:00	02/05/10 10:36
T10B066-11	SS-19HSI-DUP-01	Soil	sp	02/04/10	02/05/10 10:36
T10B066-12	Trip Blank	Aqueous	sp	02/02/10	02/05/10 10:36

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B066-01	Date Collected: 02/04/10 13:10	Matrix: Soil
Sample ID: SS-19HSI-10S70W	Date Received: 02/05/10 10:36	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N

**Surrogates:**

1,2-Dichloroethane-d4	89 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	95 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	95 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	1.2 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
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**Surrogates:**

Nitrobenzene-d5	65 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	68 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	85 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	94 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-02	Date Collected:	02/04/10 13:20	Matrix:	Soil		
Sample ID:	SS-19HSI-9S 65W	Date Received:	02/05/10 10:36				
<hr/>							
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	0.032 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	0.016 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	0.0053 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	0.021 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	89 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	95 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	96 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	95 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	1.3 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	49 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	48 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	61 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	91 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B066-03	Date Collected: 02/04/10 13:35	Matrix: Soil
Sample ID: SS-19HSI-10N 68W	Date Received: 02/05/10 10:36	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N

**Surrogates:**

1,2-Dichloroethane-d4	89 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	94 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	93 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	95 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
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**Surrogates:**

Nitrobenzene-d5	66 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	71 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	87 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	93 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-04	Date Collected:	02/04/10 13:45	Matrix:	Soil		
Sample ID:	SS-19HSI-10N 60W	Date Received:	02/05/10 10:36				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	93 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	96 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	94 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	95 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	1.9 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	61 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	62 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	71 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	88 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-05	Date Collected:	02/04/10 14:00	Matrix:	Soil		
Sample ID:	SS-19HSI-30N 51W	Date Received:	02/05/10 10:36				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N

#### Surrogates:

1,2-Dichloroethane-d4	95 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	106 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	105 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	93 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
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#### Surrogates:

Nitrobenzene-d5	62 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	60 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	71 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	80 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-06	Date Collected:	02/04/10 14:15	Matrix:	Soil		
Sample ID:	SS-19HSI-25N 48W	Date Received:	02/05/10 10:36				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N

**Surrogates:**

1,2-Dichloroethane-d4	93 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	95 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	96 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
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**Surrogates:**

Nitrobenzene-d5	58 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	59 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	74 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	88 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B066-07	Date Collected: 02/04/10 14:30	Matrix: Soil
Sample ID: SS-19HSI-40N 30W	Date Received: 02/05/10 10:36	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp		
<b>Toluene</b>	<b>0.0084 mg/kg dry</b>	<b>0.0050</b>	<b>1</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>		
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp		
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N	
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N	
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N	

**Surrogates:**

1,2-Dichloroethane-d4	95 %	71-131	1	02/05/10	jp	02/05/10	jp		
Toluene-d8	97 %	70-130	1	02/05/10	jp	02/05/10	jp		
4-Bromofluorobenzene	97 %	65-122	1	02/05/10	jp	02/05/10	jp		
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/05/10	jp	02/05/10	jp		

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

<b>Bis(2-ethylhexyl)phthalate</b>	<b>3.9 mg/kg dry</b>	<b>0.45</b>	<b>5</b>	<b>02/05/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>		
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**Surrogates:**

Nitrobenzene-d5	43 %	36-98	5	02/05/10	kb	02/05/10	avl		
2-Fluorobiphenyl	48 %	44-105	5	02/05/10	kb	02/05/10	avl		
Terphenyl-d14	52 %	46-109	5	02/05/10	kb	02/05/10	avl		

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

<b>% Solids</b>	<b>92 % by Wt.</b>	<b>0.10</b>	<b>1</b>	<b>02/05/10</b>	<b>jd</b>	<b>02/07/10</b>	<b>da</b>	<b>N</b>	
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B066-08	Date Collected: 02/04/10 14:40	Matrix: Soil
Sample ID: SS-19HSI-35N 30W	Date Received: 02/05/10 10:36	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N

**Surrogates:**

1,2-Dichloroethane-d4	89 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	97 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	96 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	94 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	20 mg/kg dry	0.51	5	02/05/10	kb	02/08/10	avl	
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**Surrogates:**

Nitrobenzene-d5	63 %	36-98	5	02/05/10	kb	02/08/10	avl	
2-Fluorobiphenyl	63 %	44-105	5	02/05/10	kb	02/08/10	avl	
Terphenyl-d14	75 %	46-109	5	02/05/10	kb	02/08/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	82 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-09	Date Collected:	02/04/10 14:50	Matrix:	Soil		
Sample ID:	SS-19HSI-38N 10W	Date Received:	02/05/10 10:36				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014750

Benzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
<b>Toluene</b>	<b>0.050 mg/kg dry</b>	<b>0.0050</b>	<b>1</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/05/10	jp	02/05/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	90 %	71-131	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	105 %	70-130	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	111 %	65-122	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/05/10	jp	02/05/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

<b>Bis(2-ethylhexyl)phthalate</b>	<b>12 mg/kg dry</b>	<b>0.48</b>	<b>5</b>	<b>02/05/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>	
<b>Surrogates:</b>								
Nitrobenzene-d5	56 %	36-98	5	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	59 %	44-105	5	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	70 %	46-109	5	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	86 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-10	Date Collected:	02/04/10 15:00	Matrix:	Soil		
Sample ID:	SS-19HSI-30N 10W	Date Received:	02/05/10 10:36				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014778

Benzene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/08/10	jp	02/08/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/08/10	jp	02/08/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	95 %	71-131	1	02/08/10	jp	02/08/10	jp	
Toluene-d8	94 %	70-130	1	02/08/10	jp	02/08/10	jp	
4-Bromofluorobenzene	94 %	65-122	1	02/08/10	jp	02/08/10	jp	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/08/10	jp	02/08/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	<0.33 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	61 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	55 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	76 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	81 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B066-11	Date Collected:	02/04/10	Matrix:	Soil		
Sample ID:	SS-19HSI-DUP-01	Date Received:	02/05/10 10:36				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014778

Benzene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/08/10	jp	02/08/10	jp	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/08/10	jp	02/08/10	jp	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/08/10	jp	02/08/10	jp	N

**Surrogates:**

1,2-Dichloroethane-d4	93 %	71-131	1	02/08/10	jp	02/08/10	jp	
Toluene-d8	98 %	70-130	1	02/08/10	jp	02/08/10	jp	
4-Bromofluorobenzene	103 %	65-122	1	02/08/10	jp	02/08/10	jp	
1,2-Dichlorobenzene-d4	95 %	54-134	1	02/08/10	jp	02/08/10	jp	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014748

Bis(2-ethylhexyl)phthalate	1.7 mg/kg dry	0.33	1	02/05/10	kb	02/05/10	avl	
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**Surrogates:**

Nitrobenzene-d5	63 %	36-98	1	02/05/10	kb	02/05/10	avl	
2-Fluorobiphenyl	56 %	44-105	1	02/05/10	kb	02/05/10	avl	
Terphenyl-d14	68 %	46-109	1	02/05/10	kb	02/05/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	90 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B066-12	Date Collected: 02/02/10	Matrix: Aqueous
Sample ID: Trip Blank	Date Received: 02/05/10 10:36	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014760

Benzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Toluene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Ethylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
m,p-Xylene	<2.0 ug/L	2.0	1	02/05/10	jp	02/05/10	jp	N
o-Xylene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	N
Xylenes, total	<3.0 ug/L	3.0	1	02/05/10	jp	02/05/10	jp	
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	121 %	70-133	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	98 %	76-125	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	88 %	71-123	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	101 %	72-123	1	02/05/10	jp	02/05/10	jp	

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## QUALITY CONTROL RESULTS

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014748

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

### METHOD BLANK: T014748-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.33	0.33	
Nitrobenzene-d5 (S)	%	69	36-98	
2-Fluorobiphenyl (S)	%	71	44-105	
Terphenyl-d14 (S)	%	79	46-109	

### LABORATORY CONTROL SAMPLE: T014748-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrobenzene-d5 (S)	%	3.32	2.29	69	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.35	71	44-105	
Terphenyl-d14 (S)	%	3.32	2.83	85	46-109	

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014750

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and

Analysis Description: Volatiles, Full MDEQ+ List

Analysis Method: EPA 8260B

### METHOD BLANK: T014750-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methyl-tert-butyl ether	mg/kg wet	<0.0050	0.0050	
Benzene	mg/kg wet	<0.0050	0.0050	
Toluene	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
1,2-Dichloroethane-d4 (S)	%	92	71-131	
Toluene-d8 (S)	%	97	70-130	
4-Bromofluorobenzene (S)	%	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	95	54-134	

### LABORATORY CONTROL SAMPLE: T014750-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	mg/kg wet	0.0200	0.0213	106	65-129	

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# LABORATORY CONTROL SAMPLE: T014750-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Toluene	mg/kg wet	0.0200	0.0202	101	61-129	
1,2-Dichloroethane-d4 (S)	%	30.0	27.3	91	71-131	
Toluene-d8 (S)	%	30.0	28.4	95	70-130	
4-Bromofluorobenzene (S)	%	30.0	27.8	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.1	94	54-134	

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014750-MSD1 Original: T10B066-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	mg/kg dry	0	0.00847	0.00840	0.00807	94	95	64-142	2	21	
Toluene	mg/kg dry	0	0.00847	0.00940	0.00834	105	98	51-195	6	28	
1,2-Dichloroethane-d4 (S)	%		30.0	23.6	23.6	79	79	71-131			
Toluene-d8 (S)	%		30.0	29.3	29.4	98	98	70-130			
4-Bromofluorobenzene (S)	%		30.0	29.0	28.6	97	95	65-122			
1,2-Dichlorobenzene-d4 (S)	%		30.0	28.0	27.1	93	90	54-134			

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014760

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

# METHOD BLANK: T014760-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	114	70-133	
Toluene-d8 (S)	%	99	76-125	
4-Bromofluorobenzene (S)	%	88	71-123	
1,2-Dichlorobenzene-d4 (S)	%	101	72-123	

# LABORATORY CONTROL SAMPLE: T014760-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	18.9	95	80-120	
Toluene	ug/L	20.0	16.1	81	80-120	
1,2-Dichloroethane-d4 (S)	%	26.0	30.2	116	70-133	

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#### LABORATORY CONTROL SAMPLE: T014760-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Toluene-d8 (S)	%	26.0	26.1	100	76-125	
4-Bromofluorobenzene (S)	%	26.0	23.0	88	71-123	
1,2-Dichlorobenzene-d4 (S)	%	26.0	26.1	100	72-123	

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014778

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and

Analysis Method: EPA 8260B

#### METHOD BLANK: T014778-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	mg/kg wet	<0.0050	0.0050	
Toluene	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
1,2-Dichloroethane-d4 (S)	%	86	71-131	
Toluene-d8 (S)	%	97	70-130	
4-Bromofluorobenzene (S)	%	95	65-122	
1,2-Dichlorobenzene-d4 (S)	%	94	54-134	

#### LABORATORY CONTROL SAMPLE: T014778-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	mg/kg wet	0.0200	0.0204	102	65-129	
Toluene	mg/kg wet	0.0200	0.0197	98	61-129	
1,2-Dichloroethane-d4 (S)	%	30.0	26.4	88	71-131	
Toluene-d8 (S)	%	30.0	28.4	95	70-130	
4-Bromofluorobenzene (S)	%	30.0	28.9	96	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	29.1	97	54-134	

Trace Project ID: T10B066

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014756

Analysis Description: Solids, Dry Weight

QC Batch Method: % Solids

Analysis Method: % Calculation

#### SAMPLE DUPLICATE: T014756-DUP1 Original: T10B066-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
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**SAMPLE DUPLICATE: T014756-DUP1** Original: T10B066-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	93.7	93.7	0.02	20	

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## CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

2/4/10 Page 1 of 2

TRACE ID NO.  
T10B066

Report Results To:	Client Name: <u>RMT INC</u>		Logged By: <u>[Signature]</u>		Checked By: <u>[Signature]</u>					
	Contact Person: <u>JENNIFER OVERVOORDE</u>		Received on ice: <u>Yes</u> No		Preservative Checked: Yes No <u>N/A</u>					
	Mailing Address: <u>2025 E BELTLINE AVE SE SUITE 402</u>		Soil Volatiles Preserved: <u>MeOH</u> En Core <u>Low Level</u> Lab							
	City, State, Zip Code: <u>GRAND RAPIDS MI 49546</u>									
Bill To:	Phone: <u>616 975 8415</u>		Fax: <u>616 975. 1098</u>		Regulatory Requirements					
	Email Address: <u>JENNIFER.OVERVOORDE@RMTINC.COM</u>		Project #: <u>6527.40</u>		Turnaround Requirements					
	Project Name: <u>LEC MWIHSI REMEDIATION</u>		PO #: _____		Matrix Key					
	Billing Address (if different): _____		Trace Quote #: _____		S = Soil W = Wipes W = Water LW = Liquid Waste SE = Sediment A = Air OI = Oil D = Drinking Water SO = Solid Waste SL = Sludge					
Request for Analytical Services	City, State, Zip Code: <u>MADISON WI</u>		Sampled by: <u>SP</u>		ANALYSIS REQUESTED					
	Attn: _____ Phone: _____ Fax: _____				Possible Health Hazard					
	TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS		
	01	2/4/10	1310	NA	SS-19HSI-10S70W	S	12	X X	MS/MSD	
	02	2/4/10	1320		SS-19HSI-9S65W	S	4	X X		
	03	2/4/10	1335		SS-19HSI-10N68W	S	4	X X		
	04	2/4/10	1345		SS-19HSI-10N60W	S	4	X X		
	05	2/4/10	1400		SS-19HSI-30N51W	S	4	X X		
	06	2/4/10	1415		SS-19HSI-25N48W	S	4	X X		
	07	2/4/10	1430		SS-19HSI-40N30W	S	4	X X		
08	2/4/10	1440		SS-19HSI-35N30W	S	4	X X			
Please Sign	Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1)	[Signature]	[Signature]	2/4/10	1730	3)				
	2)	[Signature]	[Signature]	2/5/10	10:36	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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### SAMPLE LOG IN CHECKLIST

Date: <u>2-5-10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B066</u> <u>T10B067</u>		Project Name: _____		Cooler #: _____	
Logged in by: <u>ASm</u>		Cooler #: _____		Cooler #: _____	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Name of delivery person: _____			
Trace courier <input type="checkbox"/>		Hand delivered <input type="checkbox"/>			
Commercial courier <input type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>			
Did cooler come with a bill of lading?		Way Bill or Tracking #: _____			
No <input checked="" type="checkbox"/>		Not Applicable <input type="checkbox"/>			
Yes <input type="checkbox"/>					
COC Seals present and intact on cooler?		Client custody seal # (if applicable): _____			
No <input checked="" type="checkbox"/>		Not Applicable <input type="checkbox"/>			
Yes <input type="checkbox"/>					
Custody seals signed by Client?					
No <input checked="" type="checkbox"/>					
Yes <input type="checkbox"/>					
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>		<b>Cooler Temperature</b>			
Yes No		Correction Factor <u>+0.1</u> °C			
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> <input type="checkbox"/>		Date: <u>2-5-10</u> Time: <u>10:30</u>			
Multiple bags of ice around samples? <input checked="" type="checkbox"/> <input type="checkbox"/>		Temperature Blank: _____ °C			
Ice Packs/ Blue Ice: <input type="checkbox"/> <input type="checkbox"/>		Range of 3 samples: <u>Ce</u> °C			
No Coolant Present: <input type="checkbox"/>		Melt Water: _____ °C			
		Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>General</b>					
		Yes No NA			
COC taped to inside of cooler lid?		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>			
All bottles arrived unbroken with labels in good condition?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Each sample point is in a sealed plastic bag?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Labels filled out completely?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
All bottle labels agree with Chain of Custody (COC)?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Sufficient sample to run tests requested?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
pH checked and samples at correct pH?		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			
Correct preservative added to samples?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
DRO/GRO samples received and appropriate check in form completed?		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Air bubbles absent from VOAs?		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			
COC filled out properly and signed by client?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
COC signed in by TRACE sample custodian?		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Was project manager called and samples discussed?		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Contact: _____		Date: _____			
<b>Notes:</b>					

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February 11, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B091  
Client Project LEC MW19HS1 Remediation / 6527.40

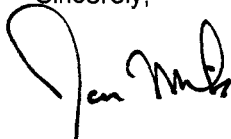
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures





## SAMPLE SUMMARY

Trace Project ID: T10B091  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B091-01	SS-19HS1-22S 5E	Soil	sp	02/08/10 14:40	02/09/10 12:01
T10B091-02	SS-19HS1-9S 5E	Soil	sp	02/08/10 15:00	02/09/10 12:01
T10B091-03	SS-19HS1-8N 3E	Soil	sp	02/08/10 15:30	02/09/10 12:01
T10B091-04	SS-19HS1-9N 10E	Soil	sp	02/08/10 15:45	02/09/10 12:01
T10B091-05	SS-19HS1-21N 0E	Soil	sp	02/08/10 16:00	02/09/10 12:01
T10B091-06	SS-19HS1-27N 5E	Soil	sp	02/08/10 16:25	02/09/10 12:01
T10B091-07	SS-19HS1-DUP-02	Soil	sp	02/08/10	02/09/10 12:01
T10B091-08	SS-19HS1-DUP-03	Soil	sp	02/08/10	02/09/10 12:01
T10B091-09	Trip Blank	Water	Client	02/02/10	02/09/10 12:01

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

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Trace ID: T014784-MSD1

**Analysis: EPA 8270C**

**Bis(2-ethylhexyl)phthalate** Note 204 : The MSD recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

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Trace ID: T10B091-01

**Analysis: EPA 8270C**

**Bis(2-ethylhexyl)phthalate** Note 414 : The reporting limit was raised due to dilution.

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Trace ID: T10B091-06

**Analysis: EPA 8270C**

**Bis(2-ethylhexyl)phthalate** Note 204 : The MSD recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-01	Date Collected:	02/08/10 14:40	Matrix:	Soil		
Sample ID:	SS-19HS1-22S 5E	Date Received:	02/09/10 12:01				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0059 mg/kg dry	0.0059	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0059 mg/kg dry	0.0059	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0059 mg/kg dry	0.0059	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.012 mg/kg dry	0.012	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0059 mg/kg dry	0.0059	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.018 mg/kg dry	0.018	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	89 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	94 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	93 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	95 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014784

Bis(2-ethylhexyl)phthalate	<0.52 mg/kg dry	0.52	5	02/09/10	kb	02/10/10	avl	414
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**Surrogates:**

Nitrobenzene-d5	63 %	36-98	5	02/09/10	kb	02/10/10	avl	
2-Fluorobiphenyl	71 %	44-105	5	02/09/10	kb	02/10/10	avl	
Terphenyl-d14	88 %	46-109	5	02/09/10	kb	02/10/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	80 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-02	Date Collected:	02/08/10 15:00	Matrix:	Soil		
Sample ID:	SS-19HS1-9S 5E	Date Received:	02/09/10 12:01				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Toluene	0.0085 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	0.0052 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	0.011 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	0.0087 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	0.019 mg/kg dry	0.015	1	02/09/10	gmr	02/09/10	gmr	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	89 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	98 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	98 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014811

Bis(2-ethylhexyl)phthalate	6.3 mg/kg dry	1.0	10	02/10/10	kb	02/10/10	avl	
<b>Surrogates:</b>								
Nitrobenzene-d5	55 %	36-98	10	02/10/10	kb	02/10/10	avl	
2-Fluorobiphenyl	68 %	44-105	10	02/10/10	kb	02/10/10	avl	
Terphenyl-d14	82 %	46-109	10	02/10/10	kb	02/10/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	81 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-03	Date Collected:	02/08/10 15:30	Matrix:	Soil		
Sample ID:	SS-19HS1-8N 3E	Date Received:	02/09/10 12:01				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	86 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	98 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	96 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014784

Bis(2-ethylhexyl)phthalate	1.5 mg/kg dry	0.33	2	02/09/10	kb	02/09/10	avl	
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**Surrogates:**

Nitrobenzene-d5	57 %	36-98	2	02/09/10	kb	02/09/10	avl	
2-Fluorobiphenyl	62 %	44-105	2	02/09/10	kb	02/09/10	avl	
Terphenyl-d14	70 %	46-109	2	02/09/10	kb	02/09/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	87 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-04	Date Collected:	02/08/10 15:45	Matrix:	Soil		
Sample ID:	SS-19HS1-9N 10E	Date Received:	02/09/10 12:01				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	88 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	94 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	95 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014784

Bis(2-ethylhexyl)phthalate	1.6 mg/kg dry	0.44	5	02/09/10	kb	02/10/10	avl	
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**Surrogates:**

Nitrobenzene-d5	59 %	36-98	5	02/09/10	kb	02/10/10	avl	
2-Fluorobiphenyl	64 %	44-105	5	02/09/10	kb	02/10/10	avl	
Terphenyl-d14	73 %	46-109	5	02/09/10	kb	02/10/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	94 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-05	Date Collected:	02/08/10 16:00	Matrix:	Soil		
Sample ID:	SS-19HS1-21N 0E	Date Received:	02/09/10 12:01				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	87 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	97 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	97 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	94 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014811

Bis(2-ethylhexyl)phthalate	2.9 mg/kg dry	0.33	2	02/10/10	kb	02/10/10	avl	
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**Surrogates:**

Nitrobenzene-d5	65 %	36-98	2	02/10/10	kb	02/10/10	avl	
2-Fluorobiphenyl	68 %	44-105	2	02/10/10	kb	02/10/10	avl	
Terphenyl-d14	77 %	46-109	2	02/10/10	kb	02/10/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	89 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-06	Date Collected:	02/08/10 16:25	Matrix:	Soil		
Sample ID:	SS-19HS1-27N 5E	Date Received:	02/09/10 12:01				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	88 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	94 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	92 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	93 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014784

Bis(2-ethylhexyl)phthalate	2.0 mg/kg dry	0.33	2	02/09/10	kb	02/09/10	avl	204
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**Surrogates:**

Nitrobenzene-d5	76 %	36-98	2	02/09/10	kb	02/09/10	avl	
2-Fluorobiphenyl	82 %	44-105	2	02/09/10	kb	02/09/10	avl	
Terphenyl-d14	97 %	46-109	2	02/09/10	kb	02/09/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	94 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B091-07	Date Collected: 02/08/10	Matrix: Soil
Sample ID: SS-19HS1-DUP-02	Date Received: 02/09/10 12:01	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0050 mg/kg dry	0.0050	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.015 mg/kg dry	0.015	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	88 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	97 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	95 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	96 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014784

Bis(2-ethylhexyl)phthalate	2.2 mg/kg dry	0.33	2	02/09/10	kb	02/10/10	avl	
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**Surrogates:**

Nitrobenzene-d5	76 %	36-98	2	02/09/10	kb	02/10/10	avl	
2-Fluorobiphenyl	80 %	44-105	2	02/09/10	kb	02/10/10	avl	
Terphenyl-d14	97 %	46-109	2	02/09/10	kb	02/10/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014808

% Solids	85 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B091-08	Date Collected:	02/08/10	Matrix:	Soil		
Sample ID:	SS-19HS1-DUP-03	Date Received:	02/09/10 12:01				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014794

Benzene	<0.0052 mg/kg dry	0.0052	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<0.0052 mg/kg dry	0.0052	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<0.0052 mg/kg dry	0.0052	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<0.010 mg/kg dry	0.010	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<0.0052 mg/kg dry	0.0052	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<0.016 mg/kg dry	0.016	1	02/09/10	gmr	02/09/10	gmr	N

**Surrogates:**

1,2-Dichloroethane-d4	84 %	71-131	1	02/09/10	gmr	02/09/10	gmr	
Toluene-d8	99 %	70-130	1	02/09/10	gmr	02/09/10	gmr	
4-Bromofluorobenzene	102 %	65-122	1	02/09/10	gmr	02/09/10	gmr	
1,2-Dichlorobenzene-d4	94 %	54-134	1	02/09/10	gmr	02/09/10	gmr	

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014784

Bis(2-ethylhexyl)phthalate	3.0 mg/kg dry	0.47	5	02/09/10	kb	02/10/10	avl	
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**Surrogates:**

Nitrobenzene-d5	64 %	36-98	5	02/09/10	kb	02/10/10	avl	
2-Fluorobiphenyl	68 %	44-105	5	02/09/10	kb	02/10/10	avl	
Terphenyl-d14	83 %	46-109	5	02/09/10	kb	02/10/10	avl	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014806

% Solids	88 % by Wt.	0.10	1	02/09/10	sm	02/09/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B091-09	Date Collected: 02/02/10	Matrix: Water
Sample ID: Trip Blank	Date Received: 02/09/10 12:01	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014822

Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	02/09/10	gmr	02/09/10	gmr	
Benzene	<1.0 ug/L	1.0	1	02/09/10	gmr	02/09/10	gmr	
Toluene	<1.0 ug/L	1.0	1	02/09/10	gmr	02/09/10	gmr	
Ethylbenzene	<1.0 ug/L	1.0	1	02/09/10	gmr	02/09/10	gmr	
m,p-Xylene	<2.0 ug/L	2.0	1	02/09/10	gmr	02/09/10	gmr	N
o-Xylene	<1.0 ug/L	1.0	1	02/09/10	gmr	02/09/10	gmr	N
Xylenes, total	<3.0 ug/L	3.0	1	02/09/10	gmr	02/09/10	gmr	

**Surrogates:**

1,2-Dichloroethane-d4	97 %	70-133	1	02/09/10	gmr	02/09/10	gmr
Toluene-d8	104 %	76-125	1	02/09/10	gmr	02/09/10	gmr
4-Bromofluorobenzene	103 %	71-123	1	02/09/10	gmr	02/09/10	gmr
1,2-Dichlorobenzene-d4	92 %	72-123	1	02/09/10	gmr	02/09/10	gmr

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## QUALITY CONTROL RESULTS

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014784

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

### METHOD BLANK: T014784-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Nitrobenzene-d5 (S)	%	58	36-98	
2-Fluorobiphenyl (S)	%	60	44-105	
Terphenyl-d14 (S)	%	70	46-109	

### LABORATORY CONTROL SAMPLE: T014784-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	mg/kg wet	3.33	2.99	90	49-121	
Nitrobenzene-d5 (S)	%	3.33	2.96	89	36-98	
2-Fluorobiphenyl (S)	%	3.33	2.89	87	44-105	
Terphenyl-d14 (S)	%	3.33	3.19	96	46-109	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014784-MSD1

Original: T10B091-06

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	mg/kg dry	1.98	3.53	3.99	2.67	57	20	40-124	98	35	204
Nitrobenzene-d5 (S)	%		3.53	2.47	1.74	70	49	36-98			
2-Fluorobiphenyl (S)	%		3.53	2.53	1.76	72	50	44-105			
Terphenyl-d14 (S)	%		3.53	2.86	1.92	81	54	46-109			

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014811

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

### METHOD BLANK: T014811-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Nitrobenzene-d5 (S)	%	67	36-98	
2-Fluorobiphenyl (S)	%	69	44-105	
Terphenyl-d14 (S)	%	88	46-109	

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Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014794

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and Wastes

Analysis Description: Volatiles, Full MDEQ+ List

Analysis Method: EPA 8260B

**METHOD BLANK: T014794-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	mg/kg wet	<0.0050	0.0050	
Toluene	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
1,2-Dichloroethane-d4 (S)	%	86	71-131	
Toluene-d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	92	65-122	
1,2-Dichlorobenzene-d4 (S)	%	94	54-134	

**LABORATORY CONTROL SAMPLE: T014794-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	mg/kg wet	0.0200	0.0202	101	65-129	
Toluene	mg/kg wet	0.0200	0.0194	97	61-129	
1,2-Dichloroethane-d4 (S)	%	30.0	24.6	82	71-131	
Toluene-d8 (S)	%	30.0	29.0	97	70-130	
4-Bromofluorobenzene (S)	%	30.0	27.8	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.0	94	54-134	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014794-MSD1**

Original: T10B091-06

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	mg/kg dry	0	0.0138	0.0172	0.0142	103	103	64-142	0.6	21	
Toluene	mg/kg dry	0	0.0138	0.0177	0.0189	106	137	51-195	25	28	
1,2-Dichloroethane-d4 (S)	%		30.0	22.2	23.3	74	78	71-131			
Toluene-d8 (S)	%		30.0	29.8	29.1	99	97	70-130			
4-Bromofluorobenzene (S)	%		30.0	28.8	28.6	96	95	65-122			
1,2-Dichlorobenzene-d4 (S)	%		30.0	26.8	27.6	89	92	54-134			

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014822

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

Analysis Method: EPA 8260B

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#### METHOD BLANK: T014822-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	95	70-133	
Toluene-d8 (S)	%	104	76-125	
4-Bromofluorobenzene (S)	%	100	71-123	
1,2-Dichlorobenzene-d4 (S)	%	92	72-123	

#### LABORATORY CONTROL SAMPLE: T014822-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	18.9	95	80-120	
Toluene	ug/L	20.0	19.1	95	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	43.0	95	70-133	
Toluene-d8 (S)	%	45.0	46.2	103	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.0	102	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	43.4	96	72-123	

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014806

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

#### SAMPLE DUPLICATE: T014806-DUP1 Original: T10B091-06

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	94.4	94.3	0.1	20	

Trace Project ID: T10B091

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014808

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

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**CHAIN-OF-CUSTODY RECORD**

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

Page 1 of 1

TRACE ID NO.

T10B091

**Report Results To:**

Client Name: RMT Inc  
Contact Person: JENNIFER OVERVOORDE  
Mailing Address: 2005 E BELTLINE AVE SE SUITE 402  
City, State, Zip Code: GRAND RAPIDS MI 49546  
Phone: 616-975-5415 Fax: 616-975-1098  
Email Address: JENNIFER.OVERVOORDE@rmtinc.com  
Project #: 652740 PO #: \_\_\_\_\_ Trace Quote #: \_\_\_\_\_  
Project Name: LEMMINGHUS REMEDIATION Sampled by: ST

**Bill To:**

Billing Address (if different) \_\_\_\_\_  
City, State, Zip Code: MADISON WI  
Attn: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**Request for Analytical Services**

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS	Possible Health Hazard
01	2/8/10	1440	NA	SS-19HS1-22S5E	S	4	X X	
02	2/8/10	1500	NA	SS-19HS1-9S5E	S	4	X X	
03	2/8/10	1530	NA	SS-19HS1-8N3E	S	4	X X	
04	2/8/10	1545	NA	SS-19HS1-9N10E	S	4	X X	
05	2/8/10	1600	NA	SS-19HS1-21NOE	S	4	X X	
06	2/8/10	1625	NA	SS-19HS1-27NSE	S	12	X X	MS/MSD
07	2/8/10	-	NA	SS-19HS1-DUP-02	S	4	X X	
08	2/8/10	-	NA	SS-19HS1-DUP-03	S	4	X X	
09	2/2/10	-	NA	TRIP BLANK	W	1	X	

**Please Sign**

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<u>[Signature]</u>	<u>[Signature]</u>	<u>2/8/10</u>	<u>1830</u>	3)				
2)	<u>[Signature]</u>	<u>[Signature]</u>	<u>2/9/10</u>	<u>12:01</u>	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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### SAMPLE LOG IN CHECKLIST

Date: <u>2/9/10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B091</u>		Project Name: <u>LEC MW/9 HS 1</u>		Cooler #s: _____	
Logged in by: <u>JS</u>				Cooler #s: _____	

Cooler Receipt			
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>	
		Hand delivered <input type="checkbox"/>	
		Commercial courier <input checked="" type="checkbox"/>	
Name of delivery person:		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable <input type="checkbox"/>	
Way Bill or Tracking #:		_____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not Applicable <input type="checkbox"/>	
Custody seals signed by Client?		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Client custody seal # (if applicable): _____	

Coolant and Temperature																		
Type of Coolant Used		Cooler Temperature Correction Factor <u>-0.2</u> °C																
<table border="0" style="width:100%;"> <tr> <td></td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> <tr> <td>Slurry w/ crushed, cubed, or chip ice?</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Multiple bags of ice around samples?</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Ice Packs/ Blue Ice :</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>No Coolant Present:</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>			Yes	No	Slurry w/ crushed, cubed, or chip ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>	No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>	Date: <u>2/9/10</u> Time: <u>12:03</u> Temperature Blank: <u>2.1</u> °C Range of 3 samples: <u>6.4-0.6</u> °C Melt Water: _____ °C Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Yes	No																
Slurry w/ crushed, cubed, or chip ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>																
Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>																
Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>																
No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>																

General			
	Yes	No	NA
COC taped to inside of cooler lid?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contact: _____	Date: _____		

**Notes:**

Rev.8 11/21/06

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February 04, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10A215  
Client Project LEC MW19HS1 Remediation / 6527.40

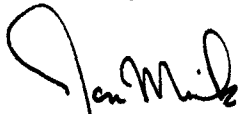
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



## SAMPLE SUMMARY

Trace Project ID: T10A215  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10A215-01	WPS-19HS1-10-1	Soil	sp	01/26/10 15:30	01/27/10 10:28

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

Trace ID: T014619-MS1

#### **Analysis: EPA Chapter 7.3**

##### **Sulfide, Reactive**

Note 229 : The MS and MSD recoveries were out of control. The RPD between the MS and MSD was also out of control. The result for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T014619-MSD1

#### **Analysis: EPA Chapter 7.3**

##### **Sulfide, Reactive**

Note 229 : The MS and MSD recoveries were out of control. The RPD between the MS and MSD was also out of control. The result for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T014694-MSD1

#### **Analysis: EPA 8260B**

##### **Toluene**

Note 222.5 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than the spike amount, no data require qualification.

Trace ID: T10A215-01

#### **Analysis: EPA 8082**

##### **Tetrachloro-m-xylene**

Note 303 : The secondary surrogate (tetrachloro-m-xylene) recovery for this sample fell outside the laboratory established control limits. The primary surrogate (decachlorobiphenyl) recovery was in control. No data require qualification.

#### **Analysis: EPA 8270C**

##### **2,4,6-Tribromophenol**

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

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<b>2-Fluorobiphenyl</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
<b>2-Fluorophenol</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
<b>Nitrobenzene-d5</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
<b>Phenol-d5</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
<b>Terphenyl-d14</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
<b>Analysis: EPA Chapter 7.3</b>	
<b>Sulfide, Reactive</b>	Note 229 : The MS and MSD recoveries were out of control. The RPD between the MS and MSD was also out of control. The result for this analyte, in the non-spiked version of the sample, must be considered estimated.

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014694

Dichlorodifluoromethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Chloromethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Vinyl chloride	<5.1 mg/kg dry	5.1	5000	02/02/10	jp	02/02/10	jp	N
Bromomethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Chloroethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Trichlorofluoromethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Diethyl ether	<25 mg/kg dry	25	5000	02/02/10	jp	02/02/10	jp	N
Tert-butyl alcohol	<320 mg/kg dry	320	5000	02/02/10	jp	02/02/10	jp	N
1,1-Dichloroethene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Acetone	<95 mg/kg dry	95	5000	02/02/10	jp	02/02/10	jp	
Iodomethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	N
Carbon disulfide	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	
Methyl-tert-butyl ether	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	
Methylene chloride	<13 mg/kg dry	13	5000	02/02/10	jp	02/02/10	jp	
Acrylonitrile	<13 mg/kg dry	13	5000	02/02/10	jp	02/02/10	jp	N
trans-1,2-Dichloroethene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
1,1-Dichloroethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Diisopropyl Ether	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	N
<b>2-Butanone</b>	<b>4600 mg/kg dry</b>	<b>1900</b>	<b>100000</b>	<b>02/02/10</b>	<b>jp</b>	<b>02/02/10</b>	<b>jp</b>	
cis-1,2-Dichloroethene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
t-Butyl Ethyl Ether	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	N
Bromochloromethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Tetrahydrofuran	<130 mg/kg dry	130	5000	02/02/10	jp	02/02/10	jp	N
Chloroform	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
<b>1,1,1-Trichloroethane</b>	<b>68 mg/kg dry</b>	<b>6.4</b>	<b>5000</b>	<b>02/02/10</b>	<b>jp</b>	<b>02/02/10</b>	<b>jp</b>	
Carbon tetrachloride	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Benzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
t-Amyl Methyl Ether	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	N
<b>1,2-Dichloroethane</b>	<b>28 mg/kg dry</b>	<b>6.4</b>	<b>5000</b>	<b>02/02/10</b>	<b>jp</b>	<b>02/02/10</b>	<b>jp</b>	
Cyclohexane	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	N
<b>Trichloroethene</b>	<b>23 mg/kg dry</b>	<b>6.4</b>	<b>5000</b>	<b>02/02/10</b>	<b>jp</b>	<b>02/02/10</b>	<b>jp</b>	
1,2-Dichloropropane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Dibromomethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
Bromodichloromethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	
cis-1,3-Dichloropropene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil					
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28						
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS							
4-Methyl-2-pentanone	<6400 mg/kg dry	6400	100000	02/02/10	jp	02/02/10	jp
Toluene	41000 mg/kg dry	640	500000	02/02/10	jp	02/02/10	jp
trans-1,3-Dichloropropene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,1,2-Trichloroethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Tetrachloroethene	35 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
2-Hexanone	<320 mg/kg dry	320	5000	02/02/10	jp	02/02/10	jp
Dibromochloromethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,2-Dibromoethane (EDB)	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Chlorobenzene	16 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,1,1,2-Tetrachloroethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Ethylbenzene	510 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
m,p-Xylene	2000 mg/kg dry	13	5000	02/02/10	jp	02/02/10	jp N
o-Xylene	810 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp N
Xylenes, total	2900 mg/kg dry	19	5000	02/02/10	jp	02/02/10	jp N
Styrene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Bromoform	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Isopropylbenzene	40 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,1,2,2-Tetrachloroethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,2,3-Trichloropropane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
trans-1,4-Dichloro-2-butene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Bromobenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
n-Propylbenzene	46 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,3,5-Trimethylbenzene	94 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
t-Butyl Benzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,2,4-Trimethylbenzene	190 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
sec-Butylbenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
p-Isopropyltoluene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,3-Dichlorobenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,4-Dichlorobenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
n-Butylbenzene	18 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,2,3-Trimethylbenzene	50 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp N
1,2-Dichlorobenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
1,2-Dibromo-3-chloropropane	<13 mg/kg dry	13	5000	02/02/10	jp	02/02/10	jp
Hexachloroethane	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp N
1,2,4-Trichlorobenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp
Naphthalene	34 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp N
1,2,3-Trichlorobenzene	<6.4 mg/kg dry	6.4	5000	02/02/10	jp	02/02/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

2-Methylnaphthalene	<32 mg/kg dry	32	5000	02/02/10	jp	02/02/10	jp	N	
---------------------	---------------	----	------	----------	----	----------	----	---	--

#### Surrogates:

1,2-Dichloroethane-d4	99 %	70-133	5000	02/02/10	jp	02/02/10	jp		
1,2-Dichloroethane-d4	99 %	70-133	100000	02/02/10	jp	02/02/10	jp		
1,2-Dichloroethane-d4	101 %	70-133	500000	02/02/10	jp	02/02/10	jp		
Toluene-d8	108 %	76-125	5000	02/02/10	jp	02/02/10	jp		
Toluene-d8	105 %	76-125	100000	02/02/10	jp	02/02/10	jp		
Toluene-d8	106 %	76-125	500000	02/02/10	jp	02/02/10	jp		
4-Bromofluorobenzene	100 %	71-123	5000	02/02/10	jp	02/02/10	jp		
4-Bromofluorobenzene	102 %	71-123	100000	02/02/10	jp	02/02/10	jp		
4-Bromofluorobenzene	104 %	71-123	500000	02/02/10	jp	02/02/10	jp		
1,2-Dichlorobenzene-d4	93 %	72-123	5000	02/02/10	jp	02/02/10	jp		
1,2-Dichlorobenzene-d4	92 %	72-123	100000	02/02/10	jp	02/02/10	jp		
1,2-Dichlorobenzene-d4	93 %	72-123	500000	02/02/10	jp	02/02/10	jp		

### VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T014717

Vinyl chloride	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.70
<b>2-Butanone</b>	<b>34 mg/L</b>	<b>2.5</b>	<b>500</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>	<b>200</b>
Chloroform	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Benzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
<b>1,2-Dichloroethane</b>	<b>0.20 mg/L</b>	<b>0.050</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>	<b>0.50</b>
Trichloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	7.5

#### Surrogates:

1,2-Dichloroethane-d4	103 %	70-133	50	02/03/10	jp	02/03/10	jp	
1,2-Dichloroethane-d4	103 %	70-133	500	02/03/10	jp	02/03/10	jp	
Toluene-d8	106 %	76-125	50	02/03/10	jp	02/03/10	jp	
Toluene-d8	104 %	76-125	500	02/03/10	jp	02/03/10	jp	
4-Bromofluorobenzene	101 %	72-123	50	02/03/10	jp	02/03/10	jp	
4-Bromofluorobenzene	96 %	72-123	500	02/03/10	jp	02/03/10	jp	
1,2-Dichlorobenzene-d4	92 %	71-123	50	02/03/10	jp	02/03/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A215-01	Date Collected:	01/26/10 15:30	Matrix:	Soil		
Sample ID:	WPS-19HS1-10-1	Date Received:	01/27/10 10:28				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS, TCLP							
1,2-Dichlorobenzene-d4	90 %	71-123	500	02/03/10 jp	02/03/10 jp		

## SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014620

Bis(2-chloroethyl)ether	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
2-Chlorophenol	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
<b>Phenol</b>	<b>1.5 mg/kg dry</b>	<b>1.0</b>	<b>10</b>	<b>01/29/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
1,3-Dichlorobenzene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
1,4-Dichlorobenzene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
1,2-Dichlorobenzene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Benzyl alcohol	<7.9 mg/kg dry	7.9	10	01/29/10	kb	02/02/10	avl
Bis(2-chloroisopropyl)ether	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2-Methylphenol (o-Cresol)	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
3,4-Methylphenol (m,p Cresol)	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
N-Nitrosodi-n-propylamine	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Hexachloroethane	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Nitrobenzene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
<b>Isophorone</b>	<b>7.6 mg/kg dry</b>	<b>1.0</b>	<b>10</b>	<b>01/29/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
2-Nitrophenol	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2,4-Dimethylphenol	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Bis(2-chloroethoxy)methane	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Benzoic acid	<14 mg/kg dry	14	10	01/29/10	kb	02/02/10	avl
1,2,4-Trichlorobenzene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2,4-Dichlorophenol	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
<b>Naphthalene</b>	<b>1.7 mg/kg dry</b>	<b>1.0</b>	<b>10</b>	<b>01/29/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
4-Chloroaniline	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Hexachlorobutadiene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
4-Chloro-3-methylphenol	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2-Methylnaphthalene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Hexachlorocyclopentadiene	<2.0 mg/kg dry	2.0	10	01/29/10	kb	02/02/10	avl
2,4,6-Trichlorophenol	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
2,4,5-Trichlorophenol	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2-Chloronaphthalene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2-Nitroaniline	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Dimethyl phthalate	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Acenaphthylene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2,6-Dinitrotoluene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
3-Nitroaniline	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Acenaphthene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Dibenzofuran	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
2,4-Dinitrotoluene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
4-Nitrophenol	<8.0 mg/kg dry	8.0	10	01/29/10	kb	02/02/10	avl
2,4-Dinitrophenol	<8.0 mg/kg dry	8.0	10	01/29/10	kb	02/02/10	avl
Diethyl phthalate	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Fluorene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
4-Chlorophenyl phenyl ether	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
4-Nitroaniline	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
4,6-Dinitro-2-methylphenol	<2.0 mg/kg dry	2.0	10	01/29/10	kb	02/02/10	avl
N-Nitrosodiphenylamine	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
4-Bromophenyl phenyl ether	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Hexachlorobenzene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Pentachlorophenol	<4.3 mg/kg dry	4.3	10	01/29/10	kb	02/02/10	avl
Phenanthrene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Anthracene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Carbazole	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Di-n-butyl phthalate	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Fluoranthene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Pyrene	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
<b>Butyl benzyl phthalate</b>	<b>130 mg/kg dry</b>	<b>20</b>	<b>200</b>	<b>01/29/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
Benzo (a) anthracene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Chrysene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
3,3'-Dichlorobenzidine	<7.9 mg/kg dry	7.9	10	01/29/10	kb	02/02/10	avl N
<b>Bis(2-ethylhexyl)phthalate</b>	<b>1400 mg/kg dry</b>	<b>40</b>	<b>400</b>	<b>01/29/10</b>	<b>kb</b>	<b>02/03/10</b>	<b>avl</b>
Di-n-octyl phthalate	<1.0 mg/kg dry	1.0	10	01/29/10	kb	02/02/10	avl
Benzo (b) fluoranthene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Benzo (k) fluoranthene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Benzo (a) pyrene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Indeno (1,2,3-cd) pyrene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Dibenz (a,h) anthracene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
Benzo (g,h,i) perylene	<0.40 mg/kg dry	0.40	10	01/29/10	kb	02/02/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	* %	38-81	10	01/29/10	kb	02/02/10	avl 302

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Phenol-d5	* %	32-102	10	01/29/10	kb	02/02/10	avl	302
Nitrobenzene-d5	* %	36-98	10	01/29/10	kb	02/02/10	avl	302
2-Fluorobiphenyl	* %	44-105	10	01/29/10	kb	02/02/10	avl	302
2,4,6-Tribromophenol	* %	38-101	10	01/29/10	kb	02/02/10	avl	302
Terphenyl-d14	* %	46-109	10	01/29/10	kb	02/02/10	avl	302

### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014600

Pyridine	<0.40 mg/L	0.40	2	01/28/10	kb	01/29/10	avl	5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	200
Hexachloroethane	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	3.0
Nitrobenzene	<0.020 mg/L	0.020	2	01/28/10	kb	01/29/10	avl	2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	01/28/10	kb	01/29/10	avl	2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	01/28/10	kb	01/29/10	avl	0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	01/28/10	kb	01/29/10	avl	100

#### Surrogates:

2-Fluorophenol	29 %	20-53	2	01/28/10	kb	01/29/10	avl
Phenol-d5	16 %	11-40	2	01/28/10	kb	01/29/10	avl
Nitrobenzene-d5	46 %	36-103	2	01/28/10	kb	01/29/10	avl
2-Fluorobiphenyl	41 %	36-119	2	01/28/10	kb	01/29/10	avl
2,4,6-Tribromophenol	42 %	30-105	2	01/28/10	kb	01/29/10	avl
Terphenyl-d14	51 %	37-109	2	01/28/10	kb	01/29/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014603

Aroclor-1016	<0.097 mg/kg dry	0.097	1	01/28/10	kb	01/29/10	tim	
Aroclor-1221	<0.097 mg/kg dry	0.097	1	01/28/10	kb	01/29/10	tim	
Aroclor-1232	<0.097 mg/kg dry	0.097	1	01/28/10	kb	01/29/10	tim	
Aroclor-1242	<0.097 mg/kg dry	0.097	1	01/28/10	kb	01/29/10	tim	
Aroclor-1248	<0.097 mg/kg dry	0.097	1	01/28/10	kb	01/29/10	tim	
<b>Aroclor-1254</b>	<b>2.1 mg/kg dry</b>	<b>0.97</b>	<b>10</b>	<b>01/28/10</b>	<b>kb</b>	<b>02/01/10</b>	<b>tim</b>	
Aroclor-1260	<0.097 mg/kg dry	0.097	1	01/28/10	kb	01/29/10	tim	
<b>Surrogates:</b>								
Tetrachloro-m-xylene	* 33 %	40-113	1	01/28/10	kb	01/29/10	tim	303, N
Decachlorobiphenyl	47 %	32-111	1	01/28/10	kb	01/29/10	tim	N

### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014602

Barium	230 mg/kg dry	3.9	1	01/28/10	jd	02/01/10	jlm
Cadmium	680 mg/kg dry	0.78	1	01/28/10	jd	02/01/10	jlm
Chromium	14 mg/kg dry	3.9	1	01/28/10	jd	02/01/10	jlm
Lead	74 mg/kg dry	3.9	1	01/28/10	jd	02/01/10	jlm

Analysis Method: EPA 6020

Batch: T014602

Arsenic	2.0 mg/kg dry	0.39	10	01/28/10	jd	02/01/10	jn
Selenium	23 mg/kg dry	0.78	10	01/28/10	jd	02/01/10	jn
Silver	<0.39 mg/kg dry	0.39	10	01/29/10	jd	02/01/10	jn

Analysis Method: EPA 7471A

Batch: T014602

Mercury	0.26 mg/kg dry	0.12	1	01/28/10	jd	02/01/10	jlm
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## ANALYTICAL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A215-01	Date Collected: 01/26/10 15:30	Matrix: Soil					
Sample ID: WPS-19HS1-10-1	Date Received: 01/27/10 10:28						
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014596

Arsenic	<0.30 mg/L	0.30	1	01/28/10	jd	02/01/10	jlm	5.0
Barium	<1.0 mg/L	1.0	1	01/28/10	jd	02/01/10	jlm	100
<b>Cadmium</b>	<b>0.83 mg/L</b>	<b>0.10</b>	<b>1</b>	<b>01/28/10</b>	<b>jd</b>	<b>02/01/10</b>	<b>jlm</b>	<b>1.0</b>
Chromium	<0.50 mg/L	0.50	1	01/28/10	jd	02/01/10	jlm	5.0
Lead	<0.50 mg/L	0.50	1	01/28/10	jd	02/01/10	jlm	5.0
Selenium	<0.60 mg/L	0.60	1	01/28/10	jd	02/01/10	jlm	1.0
Silver	<0.10 mg/L	0.10	1	01/28/10	jd	02/01/10	jlm	5.0

Analysis Method: EPA 7470A

Batch: T014617

Mercury	<0.010 mg/L	0.010	1	01/29/10	jd	02/01/10	jlm	0.20
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014606

% Solids	100 % by Wt.	0.10	1	01/28/10	sm	01/29/10	bd	N
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Analysis Method: EPA 1010

Batch: T014644

Flashpoint	190 °F	1.0	1	02/01/10	sm	02/01/10	sm	
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Analysis Method: EPA 9040C

Batch: T014612

Corrosivity-pH	6.07 pH Units		1	01/28/10	sm	01/28/10	sm	N
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Analysis Method: EPA Chapter 7.3

Batch: T014618

Cyanide, Reactive	<0.50 mg/kg dry	0.50	1	01/29/10	da	02/01/10	bd	
Sulfide, Reactive	<5.1 mg/kg dry	5.1	1	01/29/10	da	02/01/10	bd	229, N

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## QUALITY CONTROL RESULTS

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014592

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, SVOC

Analysis Method: EPA 1311

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014596

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Description: Cadmium, TCLP

Analysis Method: EPA 6010B

### METHOD BLANK: T014596-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

### METHOD BLANK: T014596-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

### LABORATORY CONTROL SAMPLE: T014596-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	87	80-120	
Arsenic	mg/L	0.0556	<0.30	94	80-120	
Barium	mg/L	0.889	<1.0	101	80-120	
Cadmium	mg/L	0.0278	<0.10	96	80-120	
Chromium	mg/L	0.0278	<0.50	100	80-120	
Lead	mg/L	0.0556	<0.50	102	80-120	
Selenium	mg/L	0.0556	<0.60	93	80-120	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014596-MSD1** Original: T10A215-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/L	0	0.250	0.221	0.222	88	89	75-125	0.6	20	
Arsenic	mg/L	0	0.500	0.479	0.480	96	96	75-125	0.1	20	
Barium	mg/L	0.218	8.00	8.02	8.05	97	98	75-125	0.4	20	
Cadmium	mg/L	0.832	0.250	1.07	1.10	94	105	75-125	12	20	
Chromium	mg/L	0	0.250	0.246	<0.50	98	101	75-125	3	20	
Lead	mg/L	0.168	0.500	0.630	0.653	92	97	75-125	5	20	
Selenium	mg/L	0	0.500	0.410	<0.60	82	98	75-125	17	20	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014602

Analysis Description: Lead, Total

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Method: EPA 6010B

**METHOD BLANK: T014602-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Cadmium	mg/kg dry	<0.20	0.20	
Chromium	mg/kg dry	<2.0	2.0	
Lead	mg/kg dry	<1.0	1.0	

**LABORATORY CONTROL SAMPLE: T014602-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	36.3	91	80-120	
Cadmium	mg/kg dry	40.0	38.1	95	80-120	
Chromium	mg/kg dry	40.0	38.1	95	80-120	
Lead	mg/kg dry	40.0	37.6	94	80-120	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014602

Analysis Description: Arsenic, Total

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Method: EPA 6020

**METHOD BLANK: T014602-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.10	0.10	
Selenium	mg/kg dry	<0.20	0.20	

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#### LABORATORY CONTROL SAMPLE: T014602-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.68	94	80-120	
Selenium	mg/kg dry	5.00	4.41	88	80-120	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014626

QC Batch Method: EPA 3051 Microwave Assisted Digestion

Analysis Description: Silver, Total

Analysis Method: EPA 6020

#### METHOD BLANK: T014626-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

#### LABORATORY CONTROL SAMPLE: T014626-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	4.94	99	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014626-MSD1

Original: T10A215-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/kg dry	0.0894	19.8	18.9	19.8	97	100	75-125	2	20	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014617

QC Batch Method: EPA 7470A Prep

Analysis Description: Mercury, TCLP

Analysis Method: EPA 7470A

#### METHOD BLANK: T014617-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### METHOD BLANK: T014617-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

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#### LABORATORY CONTROL SAMPLE: T014617-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	99	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014617-MSD1 Original: T10A215-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/L	0.000725	0.0500	0.0510	0.0500	101	99	75-125	2	20	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014602

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Description: Mercury, Total, EPA 7470/7471

Analysis Method: EPA 7471A

#### METHOD BLANK: T014602-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

#### LABORATORY CONTROL SAMPLE: T014602-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.200	0.180	90	77-122	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014591

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, Metals

Analysis Method: EPA 1311

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014593

QC Batch Method: Leaching procedures

Analysis Description: TCLP ZHE, Volatiles

Analysis Method: EPA 1311

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014603

QC Batch Method: EPA 3540C Soxhlet Extraction

Analysis Description: PCBs

Analysis Method: EPA 8082

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#### METHOD BLANK: T014603-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.33	0.33	
Aroclor-1221	mg/kg wet	<0.33	0.33	
Aroclor-1232	mg/kg wet	<0.33	0.33	
Aroclor-1242	mg/kg wet	<0.33	0.33	
Aroclor-1248	mg/kg wet	<0.33	0.33	
Aroclor-1254	mg/kg wet	<0.33	0.33	
Aroclor-1260	mg/kg wet	<0.33	0.33	
Tetrachloro-m-xylene (S)	%	54	40-113	
Decachlorobiphenyl (S)	%	50	32-111	

#### LABORATORY CONTROL SAMPLE: T014603-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.665	0.352	53	51-110	
Aroclor-1260	mg/kg wet	0.665	0.378	57	49-110	
Tetrachloro-m-xylene (S)	%	0.0333	0.0222	67	40-113	
Decachlorobiphenyl (S)	%	0.0333	0.0208	62	32-111	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014600

Analysis Description: TCLP Semi-Volatiles

QC Batch Method: EPA 3510C Separatory Funnel

Analysis Method: EPA 8270C

#### METHOD BLANK: T014600-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	42	20-53	
Phenol-d5 (S)	%	24	11-40	
Nitrobenzene-d5 (S)	%	79	36-103	
2-Fluorobiphenyl (S)	%	65	36-119	
2,4,6-Tribromophenol (S)	%	81	30-105	
Terphenyl-d14 (S)	%	81	37-109	

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# LABORATORY CONTROL SAMPLE: T014600-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0510	0.0358	70	39-105	
Pentachlorophenol	mg/L	0.103	0.0739	72	38-102	
2-Fluorophenol (S)	%	0.100	0.0448	45	20-53	
Phenol-d5 (S)	%	0.100	0.0263	26	11-40	
Nitrobenzene-d5 (S)	%	0.100	0.0807	81	36-103	
2-Fluorobiphenyl (S)	%	0.100	0.0690	69	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0825	83	30-105	
Terphenyl-d14 (S)	%	0.100	0.0840	84	37-109	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014620

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

# METHOD BLANK: T014620-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.10	0.10	
2-Chlorophenol	mg/kg wet	<0.33	0.33	
Phenol	mg/kg wet	<0.33	0.33	
1,3-Dichlorobenzene	mg/kg wet	<0.33	0.33	
1,4-Dichlorobenzene	mg/kg wet	<0.33	0.33	
1,2-Dichlorobenzene	mg/kg wet	<0.33	0.33	
Benzyl alcohol	mg/kg wet	<3.3	3.3	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.33	0.33	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.33	0.33	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.33	0.33	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.33	0.33	
Hexachloroethane	mg/kg wet	<0.30	0.30	
Nitrobenzene	mg/kg wet	<0.33	0.33	
Isophorone	mg/kg wet	<0.33	0.33	
2-Nitrophenol	mg/kg wet	<0.33	0.33	
2,4-Dimethylphenol	mg/kg wet	<0.33	0.33	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.33	0.33	
Benzoic acid	mg/kg wet	<3.3	3.3	
1,2,4-Trichlorobenzene	mg/kg wet	<0.33	0.33	
2,4-Dichlorophenol	mg/kg wet	<0.33	0.33	
Naphthalene	mg/kg wet	<0.33	0.33	
4-Chloroaniline	mg/kg wet	<0.33	0.33	
Hexachlorobutadiene	mg/kg wet	<0.050	0.050	
4-Chloro-3-methylphenol	mg/kg wet	<0.28	0.28	
2-Methylnaphthalene	mg/kg wet	<0.33	0.33	
Hexachlorocyclopentadiene	mg/kg wet	<0.33	0.33	

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# METHOD BLANK: T014620-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4,6-Trichlorophenol	mg/kg wet	<0.33	0.33	
2,4,5-Trichlorophenol	mg/kg wet	<0.33	0.33	
2-Chloronaphthalene	mg/kg wet	<0.33	0.33	
2-Nitroaniline	mg/kg wet	<0.83	0.83	
Dimethyl phthalate	mg/kg wet	<0.33	0.33	
Acenaphthylene	mg/kg wet	<0.33	0.33	
2,6-Dinitrotoluene	mg/kg wet	<0.33	0.33	
3-Nitroaniline	mg/kg wet	<0.83	0.83	
Acenaphthene	mg/kg wet	<0.33	0.33	
Dibenzofuran	mg/kg wet	<0.33	0.33	
2,4-Dinitrotoluene	mg/kg wet	<0.33	0.33	
4-Nitrophenol	mg/kg wet	<0.83	0.83	
2,4-Dinitrophenol	mg/kg wet	<0.83	0.83	
Diethyl phthalate	mg/kg wet	<0.33	0.33	
Fluorene	mg/kg wet	<0.33	0.33	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.33	0.33	
4-Nitroaniline	mg/kg wet	<0.83	0.83	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.83	0.83	
N-Nitrosodiphenylamine	mg/kg wet	<0.33	0.33	
4-Bromophenyl phenyl ether	mg/kg wet	<0.33	0.33	
Hexachlorobenzene	mg/kg wet	<0.33	0.33	
Pentachlorophenol	mg/kg wet	<0.80	0.80	
Phenanthrene	mg/kg wet	<0.33	0.33	
Anthracene	mg/kg wet	<0.33	0.33	
Carbazole	mg/kg wet	<0.33	0.33	
Di-n-butyl phthalate	mg/kg wet	<0.33	0.33	
Fluoranthene	mg/kg wet	<0.33	0.33	
Pyrene	mg/kg wet	<0.33	0.33	
Butyl benzyl phthalate	mg/kg wet	<0.33	0.33	
Benzo (a) anthracene	mg/kg wet	<0.33	0.33	
Chrysene	mg/kg wet	<0.33	0.33	
3,3'-Dichlorobenzidine	mg/kg wet	<2.0	2.0	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.33	0.33	
Di-n-octyl phthalate	mg/kg wet	<0.33	0.33	
Benzo (b) fluoranthene	mg/kg wet	<0.33	0.33	
Benzo (k) fluoranthene	mg/kg wet	<0.33	0.33	
Benzo (a) pyrene	mg/kg wet	<0.33	0.33	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.33	0.33	
Dibenz (a,h) anthracene	mg/kg wet	<0.33	0.33	
Benzo (g,h,i) perylene	mg/kg wet	<0.33	0.33	
2-Fluorophenol (S)	%	55	38-81	
Phenol-d5 (S)	%	58	32-102	
Nitrobenzene-d5 (S)	%	60	36-98	
2-Fluorobiphenyl (S)	%	57	44-105	
2,4,6-Tribromophenol (S)	%	58	38-101	

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#### METHOD BLANK: T014620-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Terphenyl-d14 (S)	%	64	46-109	

#### LABORATORY CONTROL SAMPLE: T014620-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.39	2.15	64	49-93	
Phenol	mg/kg wet	3.32	1.85	56	40-90	
1,4-Dichlorobenzene	mg/kg wet	1.74	1.11	63	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	1.49	1.07	72	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	1.81	1.21	67	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.46	2.45	71	50-96	
Acenaphthene	mg/kg wet	1.74	1.14	65	52-105	
2,4-Dinitrotoluene	mg/kg wet	1.69	1.13	67	51-108	
4-Nitrophenol	mg/kg wet	3.32	2.00	60	22-112	
Pentachlorophenol	mg/kg wet	3.42	2.44	71	30-111	
Pyrene	mg/kg wet	1.75	1.32	76	47-114	
2-Fluorophenol (S)	%	3.32	2.08	63	38-81	
Phenol-d5 (S)	%	3.32	2.22	67	32-102	
Nitrobenzene-d5 (S)	%	3.32	2.19	66	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.27	68	44-105	
2,4,6-Tribromophenol (S)	%	3.32	2.53	76	38-101	
Terphenyl-d14 (S)	%	3.32	2.84	86	46-109	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014694

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and

Analysis Method: EPA 8260B

#### METHOD BLANK: T014694-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	mg/kg wet	<0.050	0.050	
Chloromethane	mg/kg wet	<0.050	0.050	
Vinyl chloride	mg/kg wet	<0.040	0.040	
Bromomethane	mg/kg wet	<0.050	0.050	
Chloroethane	mg/kg wet	<0.050	0.050	
Trichlorofluoromethane	mg/kg wet	<0.050	0.050	
Diethyl ether	mg/kg wet	<0.20	0.20	
Tert-butyl alcohol	mg/kg wet	<2.5	2.5	
1,1-Dichloroethene	mg/kg wet	<0.050	0.050	
Acetone	mg/kg wet	<0.75	0.75	

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# METHOD BLANK: T014694-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Iodomethane	mg/kg wet	<0.050	0.050	
Carbon disulfide	mg/kg wet	<0.25	0.25	
Methyl-tert-butyl ether	mg/kg wet	<0.25	0.25	
Methylene chloride	mg/kg wet	<0.10	0.10	
Acrylonitrile	mg/kg wet	<0.10	0.10	
trans-1,2-Dichloroethene	mg/kg wet	<0.050	0.050	
1,1-Dichloroethane	mg/kg wet	<0.050	0.050	
Diisopropyl Ether	mg/kg wet	<0.25	0.25	
2-Butanone	mg/kg wet	<0.75	0.75	
cis-1,2-Dichloroethene	mg/kg wet	<0.050	0.050	
t-Butyl Ethyl Ether	mg/kg wet	<0.25	0.25	
Bromochloromethane	mg/kg wet	<0.050	0.050	
Tetrahydrofuran	mg/kg wet	<1.0	1.0	
Chloroform	mg/kg wet	<0.050	0.050	
1,1,1-Trichloroethane	mg/kg wet	<0.050	0.050	
Carbon tetrachloride	mg/kg wet	<0.050	0.050	
Benzene	mg/kg wet	<0.050	0.050	
t-Amyl Methyl Ether	mg/kg wet	<0.25	0.25	
1,2-Dichloroethane	mg/kg wet	<0.050	0.050	
Cyclohexane	mg/kg wet	<0.25	0.25	
Trichloroethene	mg/kg wet	<0.050	0.050	
1,2-Dichloropropane	mg/kg wet	<0.050	0.050	
Dibromomethane	mg/kg wet	<0.050	0.050	
Bromodichloromethane	mg/kg wet	<0.050	0.050	
cis-1,3-Dichloropropene	mg/kg wet	<0.050	0.050	
4-Methyl-2-pentanone	mg/kg wet	<2.5	2.5	
Toluene	mg/kg wet	<0.050	0.050	
trans-1,3-Dichloropropene	mg/kg wet	<0.050	0.050	
1,1,2-Trichloroethane	mg/kg wet	<0.050	0.050	
Tetrachloroethene	mg/kg wet	<0.050	0.050	
2-Hexanone	mg/kg wet	<2.5	2.5	
Dibromochloromethane	mg/kg wet	<0.050	0.050	
1,2-Dibromoethane (EDB)	mg/kg wet	<0.050	0.050	
Chlorobenzene	mg/kg wet	<0.050	0.050	
1,1,1,2-Tetrachloroethane	mg/kg wet	<0.050	0.050	
Ethylbenzene	mg/kg wet	<0.050	0.050	
m,p-Xylene	mg/kg wet	<0.10	0.10	
o-Xylene	mg/kg wet	<0.050	0.050	
Xylenes, total	mg/kg wet	<0.15	0.15	
Styrene	mg/kg wet	<0.050	0.050	
Bromoform	mg/kg wet	<0.050	0.050	
Isopropylbenzene	mg/kg wet	<0.050	0.050	
1,1,2,2-Tetrachloroethane	mg/kg wet	<0.050	0.050	
1,2,3-Trichloropropane	mg/kg wet	<0.050	0.050	
trans-1,4-Dichloro-2-butene	mg/kg wet	<0.050	0.050	

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# **METHOD BLANK: T014694-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Bromobenzene	mg/kg wet	<0.050	0.050	
n-Propylbenzene	mg/kg wet	<0.050	0.050	
1,3,5-Trimethylbenzene	mg/kg wet	<0.050	0.050	
t-Butyl Benzene	mg/kg wet	<0.050	0.050	
1,2,4-Trimethylbenzene	mg/kg wet	<0.050	0.050	
sec-Butylbenzene	mg/kg wet	<0.050	0.050	
p-Isopropyltoluene	mg/kg wet	<0.050	0.050	
1,3-Dichlorobenzene	mg/kg wet	<0.050	0.050	
1,4-Dichlorobenzene	mg/kg wet	<0.050	0.050	
n-Butylbenzene	mg/kg wet	<0.050	0.050	
1,2,3-Trimethylbenzene	mg/kg wet	<0.050	0.050	
1,2-Dichlorobenzene	mg/kg wet	<0.050	0.050	
1,2-Dibromo-3-chloropropane	mg/kg wet	<0.10	0.10	
Hexachloroethane	mg/kg wet	<0.050	0.050	
1,2,4-Trichlorobenzene	mg/kg wet	<0.050	0.050	
Naphthalene	mg/kg wet	<0.25	0.25	
1,2,3-Trichlorobenzene	mg/kg wet	<0.050	0.050	
2-Methylnaphthalene	mg/kg wet	<0.25	0.25	
1,2-Dichloroethane-d4 (S)	%	99	70-133	
Toluene-d8 (S)	%	105	76-125	
4-Bromofluorobenzene (S)	%	101	71-123	
1,2-Dichlorobenzene-d4 (S)	%	91	72-123	

# **LABORATORY CONTROL SAMPLE: T014694-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	1.00	0.926	93	64-156	
Benzene	mg/kg wet	1.00	0.952	95	80-120	
Trichloroethene	mg/kg wet	1.00	0.968	97	69-133	
Toluene	mg/kg wet	1.00	0.961	96	80-120	
Chlorobenzene	mg/kg wet	1.00	0.947	95	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	44.6	99	70-133	
Toluene-d8 (S)	%	45.0	47.1	105	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.3	103	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	43.4	97	72-123	

# **MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014694-MSD1**

Original: T10A215-01RE2

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
1,1-Dichloroethene	mg/kg dry	0	12700	13400	12600	105	99	60-146	6	15	
Benzene	mg/kg dry	5.15	12700	13300	12800	105	101	78-114	4	11	
Trichloroethene	mg/kg dry	23.1	12700	13700	13300	108	104	70-117	3	14	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014694-MSD1**

Original: T10A215-01RE2

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Toluene	mg/kg dry	41100	12700	62900	60000	172	149	77-118	14	10	222.5
Chlorobenzene	mg/kg dry	15.8	12700	13300	12800	105	101	75-116	4	12	
1,2-Dichloroethane-d4 (S)	%		45.0	44.7	44.9	99	100	70-133			
Toluene-d8 (S)	%		45.0	47.2	46.6	105	104	76-125			
4-Bromofluorobenzene (S)	%		45.0	46.4	46.2	103	103	71-123			
1,2-Dichlorobenzene-d4 (S)	%		45.0	44.4	43.7	99	97	72-123			

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014717

Analysis Description: TCLP Volatiles

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

**METHOD BLANK: T014717-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.0010	0.0010	
1,1-Dichloroethene	mg/L	<0.0010	0.0010	
2-Butanone	mg/L	<0.0050	0.0050	
Chloroform	mg/L	<0.0010	0.0010	
Carbon tetrachloride	mg/L	<0.0010	0.0010	
Benzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane	mg/L	<0.0010	0.0010	
Trichloroethene	mg/L	<0.0010	0.0010	
Tetrachloroethene	mg/L	<0.0010	0.0010	
Chlorobenzene	mg/L	<0.0010	0.0010	
1,4-Dichlorobenzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane-d4 (S)	%	102	70-133	
Toluene-d8 (S)	%	105	76-125	
4-Bromofluorobenzene (S)	%	97	72-123	
1,2-Dichlorobenzene-d4 (S)	%	90	71-123	

**LABORATORY CONTROL SAMPLE: T014717-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	0.0200	0.0187	94	47-184	
1,1-Dichloroethene	mg/L	0.0200	0.0187	93	64-156	
2-Butanone	mg/L	0.0200	0.0170	85	70-130	
Chloroform	mg/L	0.0200	0.0195	97	80-120	
Carbon tetrachloride	mg/L	0.0200	0.0181	90	79-141	
Benzene	mg/L	0.0200	0.0193	97	80-120	
1,2-Dichloroethane	mg/L	0.0200	0.0205	103	80-120	
Trichloroethene	mg/L	0.0200	0.0194	97	69-133	
Tetrachloroethene	mg/L	0.0200	0.0175	87	70-120	

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# **LABORATORY CONTROL SAMPLE: T014717-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Chlorobenzene	mg/L	0.0200	0.0181	91	80-120	
1,4-Dichlorobenzene	mg/L	0.0200	0.0180	90	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	45.8	102	70-133	
Toluene-d8 (S)	%	45.0	44.9	100	76-125	
4-Bromofluorobenzene (S)	%	45.0	44.7	99	72-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	42.8	95	71-123	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014606

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014644

QC Batch Method: EPA 1010

Analysis Description: Flash Point (Ignitability)

Analysis Method: EPA 1010

# **LABORATORY CONTROL SAMPLE: T014644-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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## **SAMPLE DUPLICATE: T014644-DUP1** Original: T10A215-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Flashpoint	°F	190	180	5	200	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014612

QC Batch Method: EPA 9040C

Analysis Description: Corrosivity (pH for waste), 9040/9045

Analysis Method: EPA 9040C

## **SAMPLE DUPLICATE: T014612-DUP1** Original: T10A215-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Corrosivity-pH	pH Units	6.07	6.17	2	200	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014618

QC Batch Method: EPA Chapter 7.3

Analysis Description: Reactivity - Cyanide

Analysis Method: EPA Chapter 7.3

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#### METHOD BLANK: T014618-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide, Reactive	mg/kg wet	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014618-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/kg wet	10.0	9.08	91	79-116	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014618-MSD1 Original: T10A215-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Cyanide, Reactive	mg/kg dry	0	10.1	9.29	10.2	92	101	64-129	9	14	

Trace Project ID: T10A215

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014619

QC Batch Method: EPA Chapter 7.3

Analysis Description: Reactivity - Sulfide

Analysis Method: EPA Chapter 7.3

#### METHOD BLANK: T014619-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Sulfide, Reactive	mg/kg wet	<5.0	5.0	

#### LABORATORY CONTROL SAMPLE: T014619-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	25.0	25.3	101	74-126	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014619-MSD1 Original: T10A215-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Sulfide, Reactive	mg/kg dry	1.94	25.3	4.25	51.6	9	197	52-115	182	27	229

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**Report Results To:**

Client Name: <b>RMT Inc</b>			
Contact Person: <b>JENNIFER OVERVOORDE</b>			
Mailing Address: <b>2025 E. BELTLINE AVE. SE SUITE 402</b>			
City, State, Zip Code: <b>GRAND RAPIDS MI 49516</b>			
Phone: <b>616 975-5415</b>		Fax: <b>616.975.1098</b>	
Email Address: <b>JENNIFER.OVERVOORDE@RMTINC.COM</b>			
Project #: <b>6527.40</b>		PO #:	Trace Quote #:
Project Name: <b>LEC MW19HS1 REMEDIATION</b>			Sampled by: <b>SP</b>

**TRACE USE ONLY**

Logged By: JS Checked By: JS  
Received on ice: Yes No Preservative Checked: Yes No N/A  
Soil Volatiles Preserved: MeOH En Core Low Level Lab

### Regulatory Requirements

MERA TMDLs	<input type="checkbox"/>
Drinking Water	<input type="checkbox"/>
NPDES	<input type="checkbox"/>
USACE	<input type="checkbox"/>
Special	<input type="checkbox"/>

### Turnaround Requirements

Standard (2 wk) ☒

\* 5 Day ☐

\* 2-4 Day (RUSH) ☐

\* 24 Hour (RUSH) ☐

\* Requires prior approval

### Matrix Key

S = Soil  
W = Water  
SE = Sediment  
OI = Oil  
SO = Solid Waste  
WI = Wipes  
LW = Liquid Waste  
A = Air  
D = Drinking Water  
SL = Sludge

**Bill To:**

Billing Address (if different) \_\_\_\_\_  
City, State, Zip Code MADISON, WI \_\_\_\_\_  
Attn: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

## ANALYSIS REQUESTED

[illegible]

Possible Health Hazard

### Request for Analytical Services

[illegible]

## Please Sign:

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	Scott Lanthier	FED EX	1/26/10	1745	3)				
	2) Fed-Ex	ASME	1/28/10	10:28	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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### SAMPLE LOG IN CHECKLIST

Date: <u>1-28-10</u>		Client Name: <u>BMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10A215</u>		Project Name: <u></u>		Cooler #s: <u></u>	
Logged in by: <u>[Signature]</u>				Cooler #s: <u></u>	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: <u></u>	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input checked="" type="checkbox"/>		Way Bill or Tracking #: <u></u>	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): <u></u>	
		Yes <input type="checkbox"/>			
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>			<b>Cooler Temperature Correction Factor <u>-0.2°C</u></b>		
			Date: <u>1-28-10</u> Time: <u>10:28</u>		
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input type="checkbox"/> No			Temperature Blank: <u></u> °C		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Range of 3 samples: <u>5</u> °C		
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No			Melt Water: <u></u> °C		
No Coolant Present: <input type="checkbox"/>			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>General</b>					
			Yes No NA		
COC taped to inside of cooler lid?			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
All bottles arrived unbroken with labels in good condition?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Each sample point is in a sealed plastic bag?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Labels filled out completely?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottle labels agree with Chain of Custody (COC)?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Sufficient sample to run tests requested?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
pH checked and samples at correct pH?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
Correct preservative added to samples?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
DRO/GRO samples received and appropriate check in form completed?			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
Air bubbles absent from VOAs?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
COC filled out properly and signed by client?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
COC signed in by TRACE sample custodian?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Was project manager called and samples discussed?			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Contact: <u></u>			Date: <u></u>		
<b>Notes:</b>					
<u></u>					
<u></u>					
<u></u>					
<u></u>					

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April 08, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10C335  
Client Project LEC MW19HS1 Remediation / 6527.44

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



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### SAMPLE SUMMARY

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10C335-01	SS-Topsoil - 1	Soil	sp	03/30/10 15:00	03/31/10 10:35
T10C335-02	SS-Topsoil -2	Soil	sp	03/30/10 15:15	03/31/10 10:35
T10C335-03	Trip Blank	Water	sp	02/02/10	03/31/10 10:35

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

Trace ID: T015623-MSD1

#### **Analysis: EPA 8270C**

##### **4-Nitrophenol**

Note 219 : Matrix QC results are unavailable for this sample and QC batch, as a dilution of the sample was required due to matrix interference.

Trace ID: T015654-MS1

#### **Analysis: EPA 6010B**

##### **Barium**

Note 211 : The MS and MSD recoveries were out of control high. The result for this analyte, in non-spiked version of the sample, must be considered estimated.

#### **Analysis: EPA 6020**

##### **Arsenic**

Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

##### **Selenium**

Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

#### **Analysis: EPA 7471A**

##### **Mercury**

Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T015654-MSD1

#### **Analysis: EPA 6010B**

##### **Barium**

Note 211 : The MS and MSD recoveries were out of control high. The result for this analyte, in non-spiked version of the sample, must be considered estimated.

##### **Zinc**

Note 207 : The RPD between the MS and the MSD was out of control. Because both spike recoveries were in control, no data require qualification.

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**Analysis: EPA 6020**

<b>Arsenic</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Selenium</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

**Analysis: EPA 7471A**

<b>Mercury</b>	Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.
----------------	---

Trace ID: T015663-MS1

**Analysis: EPA 6020**

<b>Silver</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
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Trace ID: T015663-MSD1

**Analysis: EPA 6020**

<b>Silver</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
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Trace ID: T10C335-01

**Analysis: EPA 8082**

<b>Decachlorobiphenyl</b>	Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.
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Trace ID: T10C335-02

**Analysis: EPA 6010B**

<b>Barium</b>	Note 211 : The MS and MSD recoveries were out of control high. The result for this analyte, in non-spiked version of the sample, must be considered estimated.
---------------	--

**Analysis: EPA 6020**

<b>Arsenic</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Selenium</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Silver</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-01 Date Collected: 03/30/10 15:00 Matrix: Soil  
Sample ID: SS-Topsoil - 1 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
------------	---------------	-----	----------	----------	----	----------	----	-------	-----

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T015675

Chloromethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Bromomethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Chloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1-Dichloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Acetone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
Carbon disulfide	<0.025 mg/kg dry	0.025	1	04/05/10	jp	04/05/10	jp		
Methylene chloride	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
trans-1,2-Dichloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1-Dichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
2-Butanone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
cis-1,2-Dichloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Chloroform	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1,1-Trichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Carbon tetrachloride	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Benzene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,2-Dichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,2-Dichloropropane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Bromodichloromethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
cis-1,3-Dichloropropene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
4-Methyl-2-pentanone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
Toluene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1,2-Trichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Tetrachloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
2-Hexanone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
Dibromochloromethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Chlorobenzene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Ethylbenzene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
m,p-Xylene	<0.020 mg/kg dry	0.020	1	04/05/10	jp	04/05/10	jp		N
o-Xylene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		N
Xylenes, total	<0.030 mg/kg dry	0.030	1	04/05/10	jp	04/05/10	jp		N
Styrene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Bromoform	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1,2,2-Tetrachloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		

#### Surrogates:

1,2-Dichloroethane-d4	94 %	71-131	1	04/05/10	jp	04/05/10	jp		
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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-01 Date Collected: 03/30/10 15:00 Matrix: Soil  
Sample ID: SS-Topsoil - 1 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
Toluene-d8	101 %	70-130	1	04/05/10	jp	04/05/10	jp		
4-Bromofluorobenzene	107 %	65-122	1	04/05/10	jp	04/05/10	jp		
1,2-Dichlorobenzene-d4	93 %	54-134	1	04/05/10	jp	04/05/10	jp		

## SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T015623

Bis(2-chloroethyl)ether	<0.21 mg/kg dry	0.21	5	04/01/10	kb	04/05/10	avl		
2-Chlorophenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Phenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
1,3-Dichlorobenzene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
1,4-Dichlorobenzene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
1,2-Dichlorobenzene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Benzyl alcohol	<4.1 mg/kg dry	4.1	5	04/01/10	kb	04/05/10	avl		
Bis(2-chloroisopropyl)ether	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2-Methylphenol (o-Cresol)	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
3,4-Methylphenol (m,p Cresol)	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
N-Nitrosodi-n-propylamine	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Hexachloroethane	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Nitrobenzene	<0.21 mg/kg dry	0.21	5	04/01/10	kb	04/05/10	avl		
Isophorone	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2-Nitrophenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2,4-Dimethylphenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Bis(2-chloroethoxy)methane	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Benzoic acid	<7.5 mg/kg dry	7.5	5	04/01/10	kb	04/05/10	avl		
1,2,4-Trichlorobenzene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2,4-Dichlorophenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Naphthalene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
4-Chloroaniline	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Hexachlorobutadiene	<0.21 mg/kg dry	0.21	5	04/01/10	kb	04/05/10	avl		
4-Chloro-3-methylphenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2-Methylnaphthalene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Hexachlorocyclopentadiene	<1.1 mg/kg dry	1.1	5	04/01/10	kb	04/05/10	avl		
2,4,6-Trichlorophenol	<0.21 mg/kg dry	0.21	5	04/01/10	kb	04/05/10	avl		
2,4,5-Trichlorophenol	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2-Chloronaphthalene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		

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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-01 Date Collected: 03/30/10 15:00 Matrix: Soil  
Sample ID: SS-Topsoil - 1 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
2-Nitroaniline	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Dimethyl phthalate	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Acenaphthylene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2,6-Dinitrotoluene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
3-Nitroaniline	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Acenaphthene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Dibenzofuran	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
2,4-Dinitrotoluene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
4-Nitrophenol	<4.2 mg/kg dry	4.2	5	04/01/10	kb	04/05/10	avl		
2,4-Dinitrophenol	<4.2 mg/kg dry	4.2	5	04/01/10	kb	04/05/10	avl		
Diethyl phthalate	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Fluorene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
4-Chlorophenyl phenyl ether	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
4-Nitroaniline	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
4,6-Dinitro-2-methylphenol	<1.1 mg/kg dry	1.1	5	04/01/10	kb	04/05/10	avl		
N-Nitrosodiphenylamine	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
4-Bromophenyl phenyl ether	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Hexachlorobenzene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Pentachlorophenol	<2.2 mg/kg dry	2.2	5	04/01/10	kb	04/05/10	avl		
<b>Phenanthrene</b>	<b>0.66 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
Anthracene	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Carbazole	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
Di-n-butyl phthalate	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
<b>Fluoranthene</b>	<b>0.86 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
<b>Pyrene</b>	<b>0.96 mg/kg dry</b>	<b>0.52</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
Butyl benzyl phthalate	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
<b>Benzo (a) anthracene</b>	<b>0.50 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
<b>Chrysene</b>	<b>0.48 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
3,3'-Dichlorobenzidine	<4.1 mg/kg dry	4.1	5	04/01/10	kb	04/05/10	avl	N	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>14 mg/kg dry</b>	<b>0.52</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
Di-n-octyl phthalate	<0.52 mg/kg dry	0.52	5	04/01/10	kb	04/05/10	avl		
<b>Benzo (b) fluoranthene</b>	<b>0.46 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
Benzo (k) fluoranthene	<0.21 mg/kg dry	0.21	5	04/01/10	kb	04/05/10	avl		
<b>Benzo (a) pyrene</b>	<b>0.40 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
<b>Indeno (1,2,3-cd) pyrene</b>	<b>0.21 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		
Dibenz (a,h) anthracene	<0.21 mg/kg dry	0.21	5	04/01/10	kb	04/05/10	avl		
<b>Benzo (g,h,i) perylene</b>	<b>0.26 mg/kg dry</b>	<b>0.21</b>	<b>5</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/05/10</b>	<b>avl</b>		

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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-01 Date Collected: 03/30/10 15:00 Matrix: Soil  
Sample ID: SS-Topsoil - 1 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

2-Fluorophenol	60 %	38-81	5	04/01/10	kb	04/05/10	avl
Phenol-d5	61 %	32-102	5	04/01/10	kb	04/05/10	avl
Nitrobenzene-d5	63 %	36-98	5	04/01/10	kb	04/05/10	avl
2-Fluorobiphenyl	75 %	44-105	5	04/01/10	kb	04/05/10	avl
2,4,6-Tribromophenol	63 %	38-101	5	04/01/10	kb	04/05/10	avl
Terphenyl-d14	84 %	46-109	5	04/01/10	kb	04/05/10	avl

### PESTICIDES/PCBS

#### Analysis Method: EPA 8082

##### Batch: T015612

Aroclor-1016	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp
Aroclor-1221	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp
Aroclor-1232	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp
Aroclor-1242	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp
Aroclor-1248	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp
Aroclor-1254	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp
Aroclor-1260	<0.17 mg/kg dry	0.17	1	03/31/10	kb	04/06/10	jp

#### Surrogates:

Tetrachloro-m-xylene	47 %	40-113	1	03/31/10	kb	04/06/10	jp	N
Decachlorobiphenyl	* 23 %	32-111	1	03/31/10	kb	04/06/10	jp	304, N

### METALS, TOTAL

#### Analysis Method: EPA 6010B

##### Batch: T015654

Barium	44 mg/kg dry	0.96	1	04/05/10	jd	04/07/10	jlm
Cadmium	2.2 mg/kg dry	0.19	1	04/05/10	jd	04/07/10	jlm
Chromium	15 mg/kg dry	0.96	1	04/05/10	jd	04/07/10	jlm
Copper	35 mg/kg dry	0.96	1	04/05/10	jd	04/07/10	jlm
Lead	61 mg/kg dry	0.96	1	04/05/10	jd	04/07/10	jlm
Nickel	12 mg/kg dry	0.96	1	04/05/10	jd	04/07/10	jlm
Zinc	140 mg/kg dry	0.96	1	04/05/10	jd	04/07/10	jlm

#### Analysis Method: EPA 6020

##### Batch: T015654

Arsenic	3.9 mg/kg dry	0.11	10	04/05/10	jd	04/05/10	jn
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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-01 Date Collected: 03/30/10 15:00 Matrix: Soil  
Sample ID: SS-Topsoil - 1 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### METALS, TOTAL

Selenium	0.48 mg/kg dry	0.38	10	04/05/10	jd	04/05/10	jn		
Silver	<0.096 mg/kg dry	0.096	10	04/05/10	jd	04/06/10	jn		

Analysis Method: EPA 7471A

Batch: T015654

Mercury	3.7 mg/kg dry	0.29	10	04/05/10	jd	04/05/10	jlm		
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T015651

% Solids	80 % by Wt.	0.10	1	04/02/10	da	04/05/10	da	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-02 Date Collected: 03/30/10 15:15 Matrix: Soil  
Sample ID: SS-Topsoil -2 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T015675

Chloromethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Bromomethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Chloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1-Dichloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Acetone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
Carbon disulfide	<0.025 mg/kg dry	0.025	1	04/05/10	jp	04/05/10	jp		
Methylene chloride	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
trans-1,2-Dichloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1-Dichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
2-Butanone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
cis-1,2-Dichloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Chloroform	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1,1-Trichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Carbon tetrachloride	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Benzene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,2-Dichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,2-Dichloropropane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Bromodichloromethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
cis-1,3-Dichloropropene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
4-Methyl-2-pentanone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
Toluene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1,2-Trichloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Tetrachloroethene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
2-Hexanone	<0.050 mg/kg dry	0.050	1	04/05/10	jp	04/05/10	jp		
Dibromochloromethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Chlorobenzene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Ethylbenzene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
m,p-Xylene	<0.020 mg/kg dry	0.020	1	04/05/10	jp	04/05/10	jp		N
o-Xylene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		N
Xylenes, total	<0.030 mg/kg dry	0.030	1	04/05/10	jp	04/05/10	jp		N
Styrene	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
Bromoform	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		
1,1,2,2-Tetrachloroethane	<0.010 mg/kg dry	0.010	1	04/05/10	jp	04/05/10	jp		

#### Surrogates:

1,2-Dichloroethane-d4	91 %	71-131	1	04/05/10	jp	04/05/10	jp		
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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-02 Date Collected: 03/30/10 15:15 Matrix: Soil  
Sample ID: SS-Topsoil -2 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
Toluene-d8	102 %	70-130	1	04/05/10	jp	04/05/10	jp		
4-Bromofluorobenzene	104 %	65-122	1	04/05/10	jp	04/05/10	jp		
1,2-Dichlorobenzene-d4	93 %	54-134	1	04/05/10	jp	04/05/10	jp		

## SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T015623

Bis(2-chloroethyl)ether	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		
2-Chlorophenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Phenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
1,3-Dichlorobenzene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
1,4-Dichlorobenzene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
1,2-Dichlorobenzene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Benzyl alcohol	<1.5 mg/kg dry	1.5	2	04/01/10	kb	04/06/10	avl		
Bis(2-chloroisopropyl)ether	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2-Methylphenol (o-Cresol)	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
3,4-Methylphenol (m,p Cresol)	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
N-Nitrosodi-n-propylamine	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Hexachloroethane	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Nitrobenzene	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		
Isophorone	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2-Nitrophenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2,4-Dimethylphenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Bis(2-chloroethoxy)methane	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Benzoic acid	<2.8 mg/kg dry	2.8	2	04/01/10	kb	04/06/10	avl		
1,2,4-Trichlorobenzene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2,4-Dichlorophenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Naphthalene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
4-Chloroaniline	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Hexachlorobutadiene	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		
4-Chloro-3-methylphenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2-Methylnaphthalene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Hexachlorocyclopentadiene	<0.40 mg/kg dry	0.40	2	04/01/10	kb	04/06/10	avl		
2,4,6-Trichlorophenol	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		
2,4,5-Trichlorophenol	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2-Chloronaphthalene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		

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## ANALYTICAL RESULTS

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-02 Date Collected: 03/30/10 15:15 Matrix: Soil  
Sample ID: SS-Topsoil -2 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
2-Nitroaniline	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Dimethyl phthalate	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Acenaphthylene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2,6-Dinitrotoluene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
3-Nitroaniline	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Acenaphthene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Dibenzofuran	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
2,4-Dinitrotoluene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
4-Nitrophenol	<1.6 mg/kg dry	1.6	2	04/01/10	kb	04/06/10	avl		
2,4-Dinitrophenol	<1.6 mg/kg dry	1.6	2	04/01/10	kb	04/06/10	avl		
Diethyl phthalate	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Fluorene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
4-Chlorophenyl phenyl ether	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
4-Nitroaniline	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
4,6-Dinitro-2-methylphenol	<0.40 mg/kg dry	0.40	2	04/01/10	kb	04/06/10	avl		
N-Nitrosodiphenylamine	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
4-Bromophenyl phenyl ether	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Hexachlorobenzene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Pentachlorophenol	<0.84 mg/kg dry	0.84	2	04/01/10	kb	04/06/10	avl		
<b>Phenanthrene</b>	<b>0.40 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
Anthracene	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Carbazole	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
Di-n-butyl phthalate	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
<b>Fluoranthene</b>	<b>0.44 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
<b>Pyrene</b>	<b>0.39 mg/kg dry</b>	<b>0.19</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
Butyl benzyl phthalate	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
<b>Benzo (a) anthracene</b>	<b>0.19 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
<b>Chrysene</b>	<b>0.19 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
3,3'-Dichlorobenzidine	<1.5 mg/kg dry	1.5	2	04/01/10	kb	04/06/10	avl	N	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>4.8 mg/kg dry</b>	<b>0.19</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
Di-n-octyl phthalate	<0.19 mg/kg dry	0.19	2	04/01/10	kb	04/06/10	avl		
<b>Benzo (b) fluoranthene</b>	<b>0.21 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
<b>Benzo (k) fluoranthene</b>	<b>0.082 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
<b>Benzo (a) pyrene</b>	<b>0.16 mg/kg dry</b>	<b>0.077</b>	<b>2</b>	<b>04/01/10</b>	<b>kb</b>	<b>04/06/10</b>	<b>avl</b>		
Indeno (1,2,3-cd) pyrene	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		
Dibenz (a,h) anthracene	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		
Benzo (g,h,i) perylene	<0.077 mg/kg dry	0.077	2	04/01/10	kb	04/06/10	avl		

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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-02 Date Collected: 03/30/10 15:15 Matrix: Soil  
Sample ID: SS-Topsoil -2 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

2-Fluorophenol	76 %	38-81	2	04/01/10	kb	04/06/10	avl		
Phenol-d5	74 %	32-102	2	04/01/10	kb	04/06/10	avl		
Nitrobenzene-d5	77 %	36-98	2	04/01/10	kb	04/06/10	avl		
2-Fluorobiphenyl	80 %	44-105	2	04/01/10	kb	04/06/10	avl		
2,4,6-Tribromophenol	81 %	38-101	2	04/01/10	kb	04/06/10	avl		
Terphenyl-d14	87 %	46-109	2	04/01/10	kb	04/06/10	avl		

### PESTICIDES/PCBS

#### Analysis Method: EPA 8082

##### Batch: T015612

Aroclor-1016	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		
Aroclor-1221	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		
Aroclor-1232	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		
Aroclor-1242	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		
Aroclor-1248	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		
Aroclor-1254	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		
Aroclor-1260	<0.16 mg/kg dry	0.16	1	03/31/10	kb	04/06/10	jp		

#### Surrogates:

Tetrachloro-m-xylene	73 %	40-113	1	03/31/10	kb	04/06/10	jp		N
Decachlorobiphenyl	55 %	32-111	1	03/31/10	kb	04/06/10	jp		N

### METALS, TOTAL

#### Analysis Method: EPA 6010B

##### Batch: T015654

Barium	6.0 mg/kg dry	1.0	1	04/05/10	jd	04/07/10	jlm	211	
Cadmium	<0.20 mg/kg dry	0.20	1	04/05/10	jd	04/07/10	jlm		
Chromium	2.6 mg/kg dry	1.0	1	04/05/10	jd	04/07/10	jlm		
Copper	3.9 mg/kg dry	1.0	1	04/05/10	jd	04/07/10	jlm		
Lead	9.3 mg/kg dry	1.0	1	04/05/10	jd	04/07/10	jlm		
Nickel	1.6 mg/kg dry	1.0	1	04/05/10	jd	04/07/10	jlm		
Zinc	49 mg/kg dry	1.0	1	04/05/10	jd	04/07/10	jlm		

#### Analysis Method: EPA 6020

##### Batch: T015654

Arsenic	2.9 mg/kg dry	0.12	10	04/05/10	jd	04/05/10	jn	212	
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## ANALYTICAL RESULTS

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-02	Date Collected: 03/30/10 15:15	Matrix: Soil
Sample ID: SS-Topsoil -2	Date Received: 03/31/10 10:35	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>METALS, TOTAL</b>									
Selenium	0.50 mg/kg dry	0.40	10	04/05/10	jd	04/05/10	jn	205	
Silver	<0.097 mg/kg dry	0.097	10	04/05/10	jd	04/06/10	jn	205	

Analysis Method: EPA 7471A

Batch: T015654

Mercury	0.68 mg/kg dry	0.30	10	04/05/10	jd	04/05/10	jlm		
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## WET CHEMISTRY

Analysis Method: % Calculation

Batch: T015651

% Solids	86 % by Wt.	0.10	1	04/02/10	da	04/05/10	da	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10C335  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-03 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
<u>Analysis Method: EPA 8260B</u>									
Batch: T015662									
Chloromethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Vinyl chloride	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Bromomethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Chloroethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
1,1-Dichloroethene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Acetone	<10 ug/L	10	1	04/01/10	jp	04/01/10	jp		
Carbon disulfide	<5.0 ug/L	5.0	1	04/01/10	jp	04/01/10	jp		
Methylene chloride	<5.0 ug/L	5.0	1	04/01/10	jp	04/01/10	jp		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
2-Butanone	<5.0 ug/L	5.0	1	04/01/10	jp	04/01/10	jp		
1,2-Dichloroethene (total)	<2.0 ug/L	2.0	1	04/01/10	jp	04/01/10	jp	N	
Chloroform	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Carbon tetrachloride	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Benzene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
1,2-Dichloroethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Trichloroethene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Bromodichloromethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
4-Methyl-2-pentanone	<5.0 ug/L	5.0	1	04/01/10	jp	04/01/10	jp		
Toluene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Tetrachloroethene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
2-Hexanone	<5.0 ug/L	5.0	1	04/01/10	jp	04/01/10	jp		
Dibromochloromethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Chlorobenzene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Ethylbenzene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
m,p-Xylene	<2.0 ug/L	2.0	1	04/01/10	jp	04/01/10	jp	N	
o-Xylene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp	N	
Xylenes, total	<3.0 ug/L	3.0	1	04/01/10	jp	04/01/10	jp		
Styrene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
Bromoform	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10C335-03 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp	N	
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp	N	
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	04/01/10	jp	04/01/10	jp	N	
<b>Surrogates:</b>									
1,2-Dichloroethane-d4	101 %	70-133	1	04/01/10	jp	04/01/10	jp		
Toluene-d8	108 %	76-125	1	04/01/10	jp	04/01/10	jp		
4-Bromofluorobenzene	105 %	71-123	1	04/01/10	jp	04/01/10	jp		
1,2-Dichlorobenzene-d4	96 %	72-123	1	04/01/10	jp	04/01/10	jp		

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## QUALITY CONTROL RESULTS

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015654

Analysis Description: Chromium, Total

QC Batch Method: EPA 3051 Microwave Assisted  
Digestions for Solids

Analysis Method: EPA 6010B

### METHOD BLANK: T015654-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Cadmium	mg/kg dry	<0.20	0.20	
Chromium	mg/kg dry	<2.0	2.0	
Copper	mg/kg dry	<1.0	1.0	
Nickel	mg/kg dry	<1.0	1.0	
Lead	mg/kg dry	<1.0	1.0	
Zinc	mg/kg dry	<1.0	1.0	

### LABORATORY CONTROL SAMPLE: T015654-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	38.2	96	80-120	
Cadmium	mg/kg dry	40.0	38.9	97	80-120	
Chromium	mg/kg dry	40.0	37.7	94	80-120	
Copper	mg/kg dry	40.0	38.0	95	80-120	
Nickel	mg/kg dry	40.0	36.8	92	80-120	
Lead	mg/kg dry	40.0	37.0	92	80-120	
Zinc	mg/kg dry	40.0	39.3	98	80-120	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015654-MSD1

Original: T10C335-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Barium	mg/kg dry	5.97	39.1	90.0	83.2	220	198	75-125	11	20	211
Cadmium	mg/kg dry	0.0420	39.1	34.9	36.3	91	93	75-125	2	20	
Chromium	mg/kg dry	2.59	39.1	43.5	43.8	107	105	75-125	2	20	
Copper	mg/kg dry	3.92	39.1	47.3	46.2	114	108	75-125	5	20	
Nickel	mg/kg dry	1.64	39.1	38.6	38.4	97	94	75-125	3	20	
Lead	mg/kg dry	9.31	39.1	49.7	48.3	106	100	75-125	6	20	
Zinc	mg/kg dry	49.1	39.1	93.4	83.3	116	87	75-125	28	20	207

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

## CERTIFICATE OF ANALYSIS

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QC Batch: T015654

Analysis Description: Selenium, Total

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Method: EPA 6020

Digestions for Solids

#### METHOD BLANK: T015654-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.12	0.12	
Selenium	mg/kg dry	<0.40	0.40	

#### LABORATORY CONTROL SAMPLE: T015654-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.38	88	80-120	
Selenium	mg/kg dry	5.00	4.45	89	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015654-MSD1

Original: T10C335-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Arsenic	mg/kg dry	2.92	4.89	6.01	5.46	65	52	75-125	22	20	212
Selenium	mg/kg dry	0.501	4.89	3.41	3.11	61	53	75-125	13	20	205

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015663

Analysis Description: Silver, Total

QC Batch Method: EPA 3051 Microwave Assisted Digestion  
with HCl

Analysis Method: EPA 6020

#### METHOD BLANK: T015663-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

#### LABORATORY CONTROL SAMPLE: T015663-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	4.86	97	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015663-MSD1

Original: T10C335-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/kg dry	0.0516	4.89	3.24	3.59	67	72	75-125	8	20	205

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Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015654

Analysis Description: Mercury, Total, EPA 7470/7471

QC Batch Method: EPA 3051 Microwave Assisted  
Digestions for Solids

Analysis Method: EPA 7471A

**METHOD BLANK: T015654-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

**LABORATORY CONTROL SAMPLE: T015654-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.200	0.172	86	77-122	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015654-MSD1**

Original: T10C335-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/kg dry	0.684	0.196	0.778	0.811	49	65	76-123	28	20	222

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015612

Analysis Description: PCBs

QC Batch Method: EPA 3540C Soxhlet Extraction

Analysis Method: EPA 8082

**METHOD BLANK: T015612-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.13	0.13	
Aroclor-1221	mg/kg wet	<0.13	0.13	
Aroclor-1232	mg/kg wet	<0.13	0.13	
Aroclor-1242	mg/kg wet	<0.13	0.13	
Aroclor-1248	mg/kg wet	<0.13	0.13	
Aroclor-1254	mg/kg wet	<0.13	0.13	
Aroclor-1260	mg/kg wet	<0.13	0.13	
Tetrachloro-m-xylene (S)	%	70	40-113	
Decachlorobiphenyl (S)	%	66	32-111	

**LABORATORY CONTROL SAMPLE: T015612-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.664	0.420	63	51-110	

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# LABORATORY CONTROL SAMPLE: T015612-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1260	mg/kg wet	0.664	0.437	66	49-110	
Tetrachloro-m-xylene (S)	%	0.0332	0.0283	85	40-113	
Decachlorobiphenyl (S)	%	0.0332	0.0294	88	32-111	

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015623

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

# METHOD BLANK: T015623-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.033	0.033	
2-Chlorophenol	mg/kg wet	<0.083	0.083	
Phenol	mg/kg wet	<0.083	0.083	
1,3-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,4-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,2-Dichlorobenzene	mg/kg wet	<0.083	0.083	
Benzyl alcohol	mg/kg wet	<0.66	0.66	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.083	0.083	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.083	0.083	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.083	0.083	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.083	0.083	
Hexachloroethane	mg/kg wet	<0.083	0.083	
Nitrobenzene	mg/kg wet	<0.033	0.033	
Isophorone	mg/kg wet	<0.083	0.083	
2-Nitrophenol	mg/kg wet	<0.083	0.083	
2,4-Dimethylphenol	mg/kg wet	<0.083	0.083	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.083	0.083	
Benzoic acid	mg/kg wet	<1.2	1.2	
1,2,4-Trichlorobenzene	mg/kg wet	<0.083	0.083	
2,4-Dichlorophenol	mg/kg wet	<0.083	0.083	
Naphthalene	mg/kg wet	<0.083	0.083	
4-Chloroaniline	mg/kg wet	<0.083	0.083	
Hexachlorobutadiene	mg/kg wet	<0.033	0.033	
4-Chloro-3-methylphenol	mg/kg wet	<0.083	0.083	
2-Methylnaphthalene	mg/kg wet	<0.083	0.083	
Hexachlorocyclopentadiene	mg/kg wet	<0.17	0.17	
2,4,6-Trichlorophenol	mg/kg wet	<0.033	0.033	
2,4,5-Trichlorophenol	mg/kg wet	<0.083	0.083	
2-Chloronaphthalene	mg/kg wet	<0.083	0.083	
2-Nitroaniline	mg/kg wet	<0.083	0.083	
Dimethyl phthalate	mg/kg wet	<0.083	0.083	

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#### METHOD BLANK: T015623-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Acenaphthylene	mg/kg wet	<0.083	0.083	
2,6-Dinitrotoluene	mg/kg wet	<0.083	0.083	
3-Nitroaniline	mg/kg wet	<0.083	0.083	
Acenaphthene	mg/kg wet	<0.083	0.083	
Dibenzofuran	mg/kg wet	<0.083	0.083	
2,4-Dinitrotoluene	mg/kg wet	<0.083	0.083	
4-Nitrophenol	mg/kg wet	<0.67	0.67	
2,4-Dinitrophenol	mg/kg wet	<0.67	0.67	
Diethyl phthalate	mg/kg wet	<0.083	0.083	
Fluorene	mg/kg wet	<0.083	0.083	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.083	0.083	
4-Nitroaniline	mg/kg wet	<0.083	0.083	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.17	0.17	
N-Nitrosodiphenylamine	mg/kg wet	<0.083	0.083	
4-Bromophenyl phenyl ether	mg/kg wet	<0.083	0.083	
Hexachlorobenzene	mg/kg wet	<0.083	0.083	
Pentachlorophenol	mg/kg wet	<0.36	0.36	
Phenanthrene	mg/kg wet	<0.033	0.033	
Anthracene	mg/kg wet	<0.083	0.083	
Carbazole	mg/kg wet	<0.083	0.083	
Di-n-butyl phthalate	mg/kg wet	<0.083	0.083	
Fluoranthene	mg/kg wet	<0.033	0.033	
Pyrene	mg/kg wet	<0.083	0.083	
Butyl benzyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (a) anthracene	mg/kg wet	<0.033	0.033	
Chrysene	mg/kg wet	<0.033	0.033	
3,3'-Dichlorobenzidine	mg/kg wet	<0.66	0.66	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Di-n-octyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (b) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (k) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (a) pyrene	mg/kg wet	<0.033	0.033	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.033	0.033	
Dibenz (a,h) anthracene	mg/kg wet	<0.033	0.033	
Benzo (g,h,i) perylene	mg/kg wet	<0.033	0.033	
2-Fluorophenol (S)	%	63	38-81	
Phenol-d5 (S)	%	63	32-102	
Nitrobenzene-d5 (S)	%	62	36-98	
2-Fluorobiphenyl (S)	%	67	44-105	
2,4,6-Tribromophenol (S)	%	63	38-101	
Terphenyl-d14 (S)	%	72	46-109	

#### LABORATORY CONTROL SAMPLE: T015623-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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# LABORATORY CONTROL SAMPLE: T015623-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.40	2.10	62	49-93	
Phenol	mg/kg wet	3.33	2.08	62	40-90	
1,4-Dichlorobenzene	mg/kg wet	1.75	1.01	58	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	1.49	0.960	64	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	1.82	1.14	63	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.47	2.28	66	50-96	
Acenaphthene	mg/kg wet	1.75	1.12	64	52-105	
2,4-Dinitrotoluene	mg/kg wet	1.70	1.03	60	51-108	
4-Nitrophenol	mg/kg wet	3.33	1.99	60	22-112	
Pentachlorophenol	mg/kg wet	3.43	2.45	71	30-111	
Pyrene	mg/kg wet	1.75	1.22	70	47-114	
2-Fluorophenol (S)	%	3.33	2.00	60	38-81	
Phenol-d5 (S)	%	3.33	2.04	61	32-102	
Nitrobenzene-d5 (S)	%	3.33	2.06	62	36-98	
2-Fluorobiphenyl (S)	%	3.33	2.02	61	44-105	
2,4,6-Tribromophenol (S)	%	3.33	2.25	68	38-101	
Terphenyl-d14 (S)	%	3.33	2.26	68	46-109	

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015623-MSD1

Original: T10C335-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
2-Chlorophenol	mg/kg dry	0	4.24	2.86	2.39	67	56	43-93	18	23	
Phenol	mg/kg dry	0	4.16	2.91	2.42	70	58	31-91	18	28	
1,4-Dichlorobenzene	mg/kg dry	0	2.18	1.43	1.24	65	57	43-92	15	33	
N-Nitrosodi-n-propylamine	mg/kg dry	0	1.86	1.19	1.10	64	59	32-121	8	26	
1,2,4-Trichlorobenzene	mg/kg dry	0	2.27	1.54	1.34	68	59	43-99	14	33	
4-Chloro-3-methylphenol	mg/kg dry	0	4.32	2.85	2.50	66	58	36-108	13	25	
Acenaphthene	mg/kg dry	0	2.18	1.66	1.49	76	68	46-111	10	31	
2,4-Dinitrotoluene	mg/kg dry	0	2.12	0.970	0.846	46	40	18-128	13	28	
<b>4-Nitrophenol</b>	<b>mg/kg dry</b>	<b>0</b>	<b>4.16</b>	<b>0.411</b>	<b>&lt;</b>			<b>15-125</b>		<b>26</b>	<b>219</b>
Pentachlorophenol	mg/kg dry	0	4.28	2.68	2.33	62	54	14-125	14	25	
Pyrene	mg/kg dry	0.956	2.19	2.48	2.66	70	78	40-124	11	33	
2-Fluorophenol (S)	%		4.16	2.57	2.06	62	50	38-81			
Phenol-d5 (S)	%		4.16	2.57	2.10	62	50	32-102			
Nitrobenzene-d5 (S)	%		4.16	2.69	2.33	64	56	36-98			
2-Fluorobiphenyl (S)	%		4.16	2.86	2.63	69	63	44-105			
2,4,6-Tribromophenol (S)	%		4.16	2.86	2.56	69	62	38-101			
Terphenyl-d14 (S)	%		4.16	3.14	2.82	75	68	46-109			

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Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015662

Analysis Description: Volatiles, Target Compound List

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

**METHOD BLANK: T015662-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloromethane	ug/L	<1.0	1.0	
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<1.0	1.0	
Chloroethane	ug/L	<1.0	1.0	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<10	10	
Carbon disulfide	ug/L	<5.0	5.0	
Methylene chloride	ug/L	<5.0	5.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
2-Butanone	ug/L	<5.0	5.0	
1,2-Dichloroethene (total)	ug/L	<2.0	2.0	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	
Benzene	ug/L	<1.0	1.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Bromodichloromethane	ug/L	<1.0	1.0	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<5.0	5.0	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<5.0	5.0	
Dibromochloromethane	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dichloroethane-d4 (S)	%	101	70-133	

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#### METHOD BLANK: T015662-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Toluene-d8 (S)	%	107	76-125	
4-Bromofluorobenzene (S)	%	103	71-123	
1,2-Dichlorobenzene-d4 (S)	%	94	72-123	

#### LABORATORY CONTROL SAMPLE: T015662-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	20.0	20.0	100	64-156	
Benzene	ug/L	20.0	19.2	96	80-120	
Trichloroethene	ug/L	20.0	19.7	98	69-133	
Toluene	ug/L	20.0	19.1	96	80-120	
Chlorobenzene	ug/L	20.0	18.9	94	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	45.9	102	70-133	
Toluene-d8 (S)	%	45.0	47.6	106	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.1	102	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	44.6	99	72-123	

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015675

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and Wastes

Analysis Method: EPA 8260B

#### METHOD BLANK: T015675-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloromethane	mg/kg wet	<0.0050	0.0050	
Bromomethane	mg/kg wet	<0.0050	0.0050	
Chloroethane	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethene	mg/kg wet	<0.0050	0.0050	
Acetone	mg/kg wet	<0.050	0.050	
Carbon disulfide	mg/kg wet	<0.025	0.025	
Methylene chloride	mg/kg wet	<0.0050	0.0050	
trans-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethane	mg/kg wet	<0.0050	0.0050	
2-Butanone	mg/kg wet	<0.050	0.050	
cis-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
Chloroform	mg/kg wet	<0.0050	0.0050	
1,1,1-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Carbon tetrachloride	mg/kg wet	<0.0050	0.0050	
Benzene	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane	mg/kg wet	<0.0050	0.0050	
1,2-Dichloropropane	mg/kg wet	<0.0050	0.0050	

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#### METHOD BLANK: T015675-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bromodichloromethane	mg/kg wet	<0.0050	0.0050	
cis-1,3-Dichloropropene	mg/kg wet	<0.0050	0.0050	
4-Methyl-2-pentanone	mg/kg wet	<0.050	0.050	
Toluene	mg/kg wet	<0.0050	0.0050	
1,1,2-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Tetrachloroethene	mg/kg wet	<0.0050	0.0050	
2-Hexanone	mg/kg wet	<0.050	0.050	
Dibromochloromethane	mg/kg wet	<0.0050	0.0050	
Chlorobenzene	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
Styrene	mg/kg wet	<0.0050	0.0050	
Bromoform	mg/kg wet	<0.0050	0.0050	
1,1,2,2-Tetrachloroethane	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane-d4 (S)	%	94	71-131	
Toluene-d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	94	54-134	

#### LABORATORY CONTROL SAMPLE: T015675-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	0.0200	0.0225	112	65-144	
Benzene	mg/kg wet	0.0200	0.0213	106	65-129	
Toluene	mg/kg wet	0.0200	0.0215	107	61-129	
Chlorobenzene	mg/kg wet	0.0200	0.0200	100	63-123	
1,2-Dichloroethane-d4 (S)	%	30.0	28.0	93	71-131	
Toluene-d8 (S)	%	30.0	28.9	96	70-130	
4-Bromofluorobenzene (S)	%	30.0	28.0	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.6	96	54-134	

Trace Project ID: T10C335

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015651

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

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## CHAIN-OF-CUSTODY RECORD

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Muskegon, MI 49444-2673  
[www.trace-labs.com](http://www.trace-labs.com)

TRACE ID NO.

T10C335

TRACE USE ONLY

Logged By:

Checked By: BMC

Received on ice: ( Yes ) No

Preservative Checked: Yes No ☒ N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

**Report Results To:**

Client Name: RMT, INC			
Contact Person: JENNIFER OVERVOORDE			
Mailing Address: 2025 E. BELTLINE AVE SE Suite 402			
City, State, Zip Code: Grand Rapids MI 49546			
Phone: 616 975 5415		Fax: 616 975 1098	
Email Address: JENNIFER.OVERVOORDE@rmtinc.com			
Project #: 6527.44		PO #:	Trace Quote #:
Project Name: LEO MWIGHSI REMEDIATION		Sampled by: SP	

**Bill To:**

Billing Address (if different) \_\_\_\_\_  
City, State, Zip Code MADISON WI  
Attn: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

## Request for Analytical Services

[illegible]

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

Page 1 of 1

### Regulatory Requirements

MERA TMDL's  
 Drinking Water  
 NPDES  
 USACE  
 Special

### Turnaround Requirements

Standard (2 wk) ☒

\* 5 Day ☐

\* 2-4 Day (RUSH) ☐

\* 24 Hour (RUSH) ☐

\* Requires prior approval

### Matrix Key

S = Soil  
W = Water  
SE = Sediment  
OI = Oil  
SQ = Solid Waste  
WI = Wipes  
LW = Liquid Waste  
A = Air  
D = Drinking Water  
SL = Sludge

## ANALYSIS REQUESTED

Possible Health Hazard

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### SAMPLE LOG IN CHECKLIST

Date: <u>3-31-10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>			
Trace ID #: <u>T10C335</u>		Project Name: _____		Cooler #s: _____			
Logged in by: <u>[Signature]</u>		Cooler #s: _____		Cooler #s: _____			
<b>Cooler Receipt</b>							
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____			
Hand delivered <input type="checkbox"/>		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>			
Did cooler come with a bill of lading?		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		Way Bill or Tracking #: _____			
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>		Not Applicable <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>		Client custody seal # (if applicable): _____			
<b>Coolant and Temperature</b>							
<b>Type of Coolant Used</b>		<b>Cooler Temperature</b>		<b>Correction Factor</b> <u>-0.3</u> °C			
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input type="checkbox"/> No		Date: <u>3-31-10</u>		Time: <u>10:35</u>			
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Blank: _____ °C		Range of 3 samples: <u>3</u> °C			
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No		Melt Water: _____ °C		Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No							
<b>General</b>							
		Yes		No		NA	
COC taped to inside of cooler lid?		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
All bottles arrived unbroken with labels in good condition?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Each sample point is in a sealed plastic bag?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Labels filled out completely?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
All bottle labels agree with Chain of Custody (COC)?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Sufficient sample to run tests requested?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
pH checked and samples at correct pH?		<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Correct preservative added to samples?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
DRO/GRO samples received and appropriate check in form completed?		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Air bubbles absent from VOAs?		<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	
COC filled out properly and signed by client?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
COC signed in by TRACE sample custodian?		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Was project manager called and samples discussed?		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Contact: _____		Date: _____					
Notes:							

LOGIN4

TRACE Analytical Laboratories, Inc.

Rev.8 11/21/06

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April 14, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10D135  
Client Project LEC MW19HS1 Remediation / 6527.44

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



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phone 231.773.5998  
toll-free 800.733.5998  
fax 231.773.6537

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
info@trace-labs.com  
www.trace-labs.com

### SAMPLE SUMMARY

Trace Project ID: T10D135  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10D135-01	SS-Topsoil - 1	Soil	sp	03/30/10 15:00	03/31/10 10:35

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**AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT**

**DEFINITIONS**

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

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## ANALYTICAL RESULTS

Trace Project ID: T10D135  
Client Project ID: LEC MW19HS1 Remediation / 6527.44

Trace ID: T10D135-01 Date Collected: 03/30/10 15:00 Matrix: Soil  
Sample ID: SS-Topsoil - 1 Date Received: 03/31/10 10:35

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### METALS, TCLP

#### Analysis Method: EPA 6010B

Batch: T015809

Arsenic	<0.30 mg/L	0.30	1	04/14/10	jd	04/14/10	jlm		5.0
Barium	<1.0 mg/L	1.0	1	04/14/10	jd	04/14/10	jlm		100
Cadmium	<0.10 mg/L	0.10	1	04/14/10	jd	04/14/10	jlm		1.0
Chromium	<0.50 mg/L	0.50	1	04/14/10	jd	04/14/10	jlm		5.0
Lead	<0.50 mg/L	0.50	1	04/14/10	jd	04/14/10	jlm		5.0
Selenium	<0.60 mg/L	0.60	1	04/14/10	jd	04/14/10	jlm		1.0
Silver	<0.10 mg/L	0.10	1	04/14/10	jd	04/14/10	jlm		5.0

#### Analysis Method: EPA 7470A

Batch: T015806

Mercury	<0.010 mg/L	0.010	1	04/14/10	jd	04/14/10	jlm		0.20
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## QUALITY CONTROL RESULTS

Trace Project ID: T10D135

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015809

Analysis Description: Barium, TCLP

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Method: EPA 6010B

### METHOD BLANK: T015809-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

### METHOD BLANK: T015809-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

### LABORATORY CONTROL SAMPLE: T015809-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	85	80-120	
Arsenic	mg/L	0.0556	<0.30	102	80-120	
Barium	mg/L	0.889	<1.0	102	80-120	
Cadmium	mg/L	0.0278	<0.10	101	80-120	
Chromium	mg/L	0.0278	<0.50	101	80-120	
Lead	mg/L	0.0556	<0.50	110	80-120	
Selenium	mg/L	0.0556	<0.60	91	80-120	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015809-MSD1

Original: T10D135-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
-----------	-------	-----------------	-------------	-----------	------------	----------	-----------	-------------	-----	---------	-------

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015809-MSD1**

Original: T10D135-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/L	0	0.250	0.232	0.211	93	85	75-125	9	20	
Arsenic	mg/L	0	0.500	0.499	0.503	100	101	75-125	0.8	20	
Barium	mg/L	0.733	8.00	8.81	8.99	101	103	75-125	2	20	
Cadmium	mg/L	0.00375	0.250	0.262	0.269	103	106	75-125	3	20	
Chromium	mg/L	0	0.250	0.257	<0.50	103	104	75-125	1	20	
Lead	mg/L	0.0566	0.500	0.583	0.581	105	105	75-125	0.3	20	
Selenium	mg/L	0	0.500	0.481	<0.60	96	99	75-125	3	20	

Trace Project ID: T10D135

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015806

Analysis Description: Mercury, TCLP

QC Batch Method: EPA 7470A Prep

Analysis Method: EPA 7470A

**METHOD BLANK: T015806-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**METHOD BLANK: T015806-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**METHOD BLANK: T015806-BLK3**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**LABORATORY CONTROL SAMPLE: T015806-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	102	80-120	

Trace Project ID: T10D135

Client Project ID: LEC MW19HS1 Remediation / 6527.44

QC Batch: T015808

Analysis Description: TCLP Extraction, Metals

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

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toll-free 800.733.5998  
fax 231.773.6537

# CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

4.14.10

Page 1 of 1

TRACE ID NO.

T10D135

Report Results To:	Client Name: <u>RMT</u>				Contact Person: <u>Jennifer Amos</u>				Mailing Address:				City, State, Zip Code:				Phone:				Fax:				Email Address:				Project #: <u>LSC MWAHS Remediation</u>				PO #:				Trace Quote #:			
	Project Name: <u>6527.44</u>				Sampled by: <u>SP</u>				Billing Address (if different):				City, State, Zip Code:				Attn:				Phone:				Fax:															
	TRACE NO.				DATE TAKEN				TIME TAKEN				METALS FIELD FILTERED				CLIENT SAMPLE ID				MATRIX				NUMBER OF CONTAINERS															
	1				3/30/10				1500								SS-Tops: 1-1				S				1 X															
Request for Analytical Services																																								
Please Sign	Item #				RELEASED BY				RECEIVED BY				DATE				TIME				Item #				RELEASED BY				RECEIVED BY				DATE				TIME			
	1)				<u>cooler</u>				<u>[Signature]</u>				4/13/10				14:06				3)																			
	2)																				4)																			

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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**Jon Mink**

---

**From:** Pawlukiewicz, Scott [Scott.Pawlukiewicz@rmtinc.com]  
**Sent:** Tuesday, April 13, 2010 2:03 PM  
**To:** Jon Mink  
**Cc:** McKenzie, Dave; Overvoorde, Jennifer  
**Subject:** RE: Topsoil Results

Jon-

In regards to our discussion today regarding the TCLP analysis of the topsoil samples already submitted, please proceed with TCLP metals analysis of sample "SS-Topsoil-1" (Trace ID: T10C335-01). This is the only TCLP analysis requested at this time.

Please put a 24-hr rush on this sample as well. Let me know if you have any questions.

Thanks-  
Scott

---

**From:** Jon Mink [jmink@trace-labs.com]  
**Sent:** Thursday, April 08, 2010 9:52 AM  
**To:** Pawlukiewicz, Scott  
**Subject:** RE: Topsoil Results

Here is the report

Jon Mink  
Project Manager  
Trace Analytical Laboratories, Inc.  
231-773-5998 x241  
jmink@trace-labs.com

-----Original Message-----

**From:** Pawlukiewicz, Scott [mailto:Scott.Pawlukiewicz@rmtinc.com]  
**Sent:** Thursday, April 08, 2010 9:31 AM  
**To:** Jon Mink  
**Subject:** Topsoil Results

Hey Jon-

Can you please send over the topsoil analytical results submitted last week as soon as they are available? Trying to coordinate with our waste guys to get this stuff off-site.

Thanks!  
Scott

Outgoing messages, along with any attachments, are scanned for viruses prior to sending.

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4/13/2010

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February 16, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10A235  
Client Project LEC MW19HS1 Remediation / 6527.40

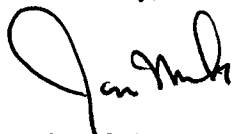
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures





## SAMPLE SUMMARY

Trace Project ID: T10A235  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10A235-01	W19HS1-10-1 (Composite)	Soil	sp	01/28/10 16:10	01/29/10 10:26
T10A235-02	W19HS1-10-1 (Grab)	Soil	sp	01/28/10 16:10	01/29/10 10:26
T10A235-03	W19HS1-10-2	Soil	sp	01/28/10 16:40	01/29/10 10:26
T10A235-04	W19HS1-10-3	Soil	sp	01/28/10 17:00	01/29/10 10:26
T10A235-05	W19HS1-10-4	Soil	sp	01/28/10 17:10	01/29/10 10:26

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

Trace ID: T014633-MS1

#### **Analysis: EPA 6010B**

<b>Barium</b>	Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.
<b>Lead</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Nickel</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.
<b>Zinc</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

#### **Analysis: EPA 6020**

<b>Selenium</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
-----------------	---

#### **Analysis: EPA 7471A**

<b>Mercury</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
----------------	---

Trace ID: T014633-MSD1

#### **Analysis: EPA 6010B**

<b>Barium</b>	Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.
---------------	---

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<b>Copper</b>	Note 207 : The RPD between the MS and the MSD was out of control. Because both spike recoveries were in control, no data require qualification.
<b>Lead</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Nickel</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.
<b>Vanadium</b>	Note 207 : The RPD between the MS and the MSD was out of control. Because both spike recoveries were in control, no data require qualification.
<b>Zinc</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

**Analysis: EPA 6020**

<b>Arsenic</b>	Note 204 : The MSD recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Selenium</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

**Analysis: EPA 7471A**

<b>Mercury</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
----------------	---

Trace ID: T10A235-01

**Analysis: EPA 6010B**

<b>Lead</b>	Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Zinc</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

**Analysis: EPA 6020**

<b>Arsenic</b>	Note 204 : The MSD recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Selenium</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

**Analysis: EPA 7471A**

<b>Mercury</b>	Note 212 : The MS and MSD recoveries were out of control low. The RPD between the MS and MSD was also out of control. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
----------------	---

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**Analysis: EPA 9012B**

---

**Cyanide (total)**

Note 506 : The sample result and reporting limit must be considered estimated. The analysis was performed beyond the EPA established 14-day hold time.

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-01	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Composite)	Date Received: 01/29/10 10:26	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014636

Bis(2-chloroethyl)ether	<0.079 mg/kg dry	0.079	2	02/01/10	kb	02/02/10	avl
2-Chlorophenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Phenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
1,3-Dichlorobenzene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
1,4-Dichlorobenzene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
1,2-Dichlorobenzene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Benzyl alcohol	<1.6 mg/kg dry	1.6	2	02/01/10	kb	02/02/10	avl
Bis(2-chloroisopropyl)ether	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2-Methylphenol (o-Cresol)	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
3,4-Methylphenol (m,p Cresol)	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
N-Nitrosodi-n-propylamine	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Hexachloroethane	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Nitrobenzene	<0.079 mg/kg dry	0.079	2	02/01/10	kb	02/02/10	avl
Isophorone	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2-Nitrophenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2,4-Dimethylphenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Bis(2-chloroethoxy)methane	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Benzoic acid	<2.9 mg/kg dry	2.9	2	02/01/10	kb	02/02/10	avl
1,2,4-Trichlorobenzene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2,4-Dichlorophenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Naphthalene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
4-Chloroaniline	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Hexachlorobutadiene	<0.079 mg/kg dry	0.079	2	02/01/10	kb	02/02/10	avl
4-Chloro-3-methylphenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2-Methylnaphthalene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Hexachlorocyclopentadiene	<0.41 mg/kg dry	0.41	2	02/01/10	kb	02/02/10	avl
2,4,6-Trichlorophenol	<0.079 mg/kg dry	0.079	2	02/01/10	kb	02/02/10	avl
2,4,5-Trichlorophenol	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2-Chloronaphthalene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2-Nitroaniline	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Dimethyl phthalate	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Acenaphthylene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2,6-Dinitrotoluene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
3-Nitroaniline	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Acenaphthene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-01	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Composite)	Date Received: 01/29/10 10:26	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenzofuran	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
2,4-Dinitrotoluene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
4-Nitrophenol	<1.6 mg/kg dry	1.6	2	02/01/10	kb	02/02/10	avl
2,4-Dinitrophenol	<1.6 mg/kg dry	1.6	2	02/01/10	kb	02/02/10	avl
Diethyl phthalate	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Fluorene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
4-Chlorophenyl phenyl ether	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
4-Nitroaniline	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
4,6-Dinitro-2-methylphenol	<0.41 mg/kg dry	0.41	2	02/01/10	kb	02/02/10	avl
N-Nitrosodiphenylamine	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
4-Bromophenyl phenyl ether	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Hexachlorobenzene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Pentachlorophenol	<0.86 mg/kg dry	0.86	2	02/01/10	kb	02/02/10	avl
<b>Phenanthrene</b>	<b>0.45 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
Anthracene	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Carbazole	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
Di-n-butyl phthalate	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
<b>Fluoranthene</b>	<b>0.44 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
<b>Pyrene</b>	<b>0.40 mg/kg dry</b>	<b>0.20</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
Butyl benzyl phthalate	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
<b>Benzo (a) anthracene</b>	<b>0.20 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
<b>Chrysene</b>	<b>0.24 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
3,3'-Dichlorobenzidine	<1.6 mg/kg dry	1.6	2	02/01/10	kb	02/02/10	avl N
<b>Bis(2-ethylhexyl)phthalate</b>	<b>2.8 mg/kg dry</b>	<b>0.20</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
Di-n-octyl phthalate	<0.20 mg/kg dry	0.20	2	02/01/10	kb	02/02/10	avl
<b>Benzo (b) fluoranthene</b>	<b>0.21 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
<b>Benzo (k) fluoranthene</b>	<b>0.087 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
<b>Benzo (a) pyrene</b>	<b>0.16 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
<b>Indeno (1,2,3-cd) pyrene</b>	<b>0.10 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
Dibenz (a,h) anthracene	<0.079 mg/kg dry	0.079	2	02/01/10	kb	02/02/10	avl
<b>Benzo (g,h,i) perylene</b>	<b>0.11 mg/kg dry</b>	<b>0.079</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/02/10</b>	<b>avl</b>
<b>Surrogates:</b>							
2-Fluorophenol	67 %	38-81	2	02/01/10	kb	02/02/10	avl
Phenol-d5	57 %	32-102	2	02/01/10	kb	02/02/10	avl
Nitrobenzene-d5	72 %	36-98	2	02/01/10	kb	02/02/10	avl
2-Fluorobiphenyl	64 %	44-105	2	02/01/10	kb	02/02/10	avl
2,4,6-Tribromophenol	73 %	38-101	2	02/01/10	kb	02/02/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-01	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Composite)	Date Received: 01/29/10 10:26	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Terphenyl-d14	76 %	46-109	2	02/01/10	kb	02/02/10	avl		
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014679

Pyridine	<0.40 mg/L	0.40	2	02/03/10	kb	02/04/10	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/03/10	kb	02/04/10	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/03/10	kb	02/04/10	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/03/10	kb	02/04/10	avl		100

#### Surrogates:

2-Fluorophenol	41 %	20-53	2	02/03/10	kb	02/04/10	avl		
Phenol-d5	25 %	11-40	2	02/03/10	kb	02/04/10	avl		
Nitrobenzene-d5	65 %	36-103	2	02/03/10	kb	02/04/10	avl		
2-Fluorobiphenyl	63 %	36-119	2	02/03/10	kb	02/04/10	avl		
2,4,6-Tribromophenol	69 %	30-105	2	02/03/10	kb	02/04/10	avl		
Terphenyl-d14	77 %	37-109	2	02/03/10	kb	02/04/10	avl		

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014642

Aroclor-1016	<0.079 mg/kg dry	0.079	1	02/01/10	kb	02/02/10	tim		
Aroclor-1221	<0.079 mg/kg dry	0.079	1	02/01/10	kb	02/02/10	tim		
Aroclor-1232	<0.079 mg/kg dry	0.079	1	02/01/10	kb	02/02/10	tim		
Aroclor-1242	<0.079 mg/kg dry	0.079	1	02/01/10	kb	02/02/10	tim		
Aroclor-1248	<0.079 mg/kg dry	0.079	1	02/01/10	kb	02/02/10	tim		
<b>Aroclor-1254</b>	<b>0.50 mg/kg dry</b>	<b>0.16</b>	<b>2</b>	<b>02/01/10</b>	<b>kb</b>	<b>02/03/10</b>	<b>tim</b>		
Aroclor-1260	<0.079 mg/kg dry	0.079	1	02/01/10	kb	02/02/10	tim		

#### Surrogates:

Tetrachloro-m-xylene	57 %	40-113	1	02/01/10	kb	02/02/10	tim	N	
Decachlorobiphenyl	48 %	32-111	1	02/01/10	kb	02/02/10	tim	N	

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-01	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Composite)	Date Received: 01/29/10 10:26	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### PESTICIDES/PCBS

#### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014680

Chlordane	<0.00050 mg/L	0.00050	1	02/03/10	kb	02/05/10	tim	0.030
Endrin	<0.00010 mg/L	0.00010	1	02/03/10	kb	02/05/10	tim	0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/03/10	kb	02/05/10	tim	0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/03/10	kb	02/05/10	tim	0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/03/10	kb	02/05/10	tim	0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/03/10	kb	02/05/10	tim	10
Toxaphene	<0.0050 mg/L	0.0050	1	02/03/10	kb	02/05/10	tim	0.50

#### Surrogates:

Tetrachloro-m-xylene	49 %	38-94	1	02/03/10	kb	02/05/10	tim	N
Decachlorobiphenyl	52 %	40-93	1	02/03/10	kb	02/05/10	tim	N

### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014681

2,4,5-T	0.0 mg/L		1	02/03/10	kb	02/05/10	tim	N
2,4-D	<0.050 mg/L	0.050	1	02/03/10	kb	02/05/10	tim	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/03/10	kb	02/05/10	tim	1.0

#### Surrogates:

2,4-Dichlorophenylacetic acid	93 %	39-125	1	02/03/10	kb	02/05/10	tim	N
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### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014633

Barium	190 mg/kg dry	0.97	1	02/01/10	jd	02/02/10	jlm	
Cadmium	1.4 mg/kg dry	0.19	1	02/01/10	jd	02/02/10	jlm	
Chromium	15 mg/kg dry	0.97	1	02/01/10	jd	02/02/10	jlm	
Copper	49 mg/kg dry	0.97	1	02/01/10	jd	02/02/10	jlm	
Lead	110 mg/kg dry	0.97	1	02/01/10	jd	02/02/10	jlm	205
Nickel	18 mg/kg dry	0.97	1	02/01/10	jd	02/02/10	jlm	
Vanadium	49 mg/kg dry	0.97	1	02/01/10	jm	02/15/10	jlm	
Zinc	110 mg/kg dry	0.97	1	02/01/10	jd	02/02/10	jlm	202

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-01	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Composite)	Date Received: 01/29/10 10:26	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014633

Arsenic	15 mg/kg dry	0.097	10	02/01/10	jd	02/01/10	jn	204
Selenium	2.0 mg/kg dry	0.19	10	02/01/10	jd	02/01/10	jn	212
Silver	0.14 mg/kg dry	0.098	10	02/03/10	jd	02/04/10	jn	

Analysis Method: EPA 7471A

Batch: T014633

Mercury	0.22 mg/kg dry	0.029	1	02/01/10	jd	02/01/10	jlm	212
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### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014653

Arsenic	<0.30 mg/L	0.30	1	02/02/10	jd	02/03/10	jlm	5.0
Barium	<1.0 mg/L	1.0	1	02/02/10	jd	02/03/10	jlm	100
Cadmium	<0.10 mg/L	0.10	1	02/02/10	jd	02/03/10	jlm	1.0
Chromium	<0.50 mg/L	0.50	1	02/02/10	jd	02/03/10	jlm	5.0
Copper	<0.50 mg/L	0.50	1	02/02/10	jd	02/03/10	jlm	
Lead	<0.50 mg/L	0.50	1	02/02/10	jd	02/03/10	jlm	5.0
Nickel	<0.50 mg/L	0.50	1	02/02/10	jd	02/03/10	jlm	
Selenium	<0.60 mg/L	0.60	1	02/02/10	jd	02/03/10	jlm	1.0
Silver	<0.10 mg/L	0.10	1	02/02/10	jd	02/03/10	jlm	5.0
Zinc	<0.50 mg/L	0.50	1	02/02/10	jd	02/03/10	jlm	

Analysis Method: EPA 7470A

Batch: T014655

Mercury	<0.010 mg/L	0.010	1	02/02/10	jd	02/02/10	jlm	0.20
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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A235-01	Date Collected:	01/28/10 16:10	Matrix:	Soil		
Sample ID:	W19HS1-10-1 (Composite)	Date Received:	01/29/10 10:26				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014647

% Solids	84 % by Wt.	0.10	1	02/01/10	sm	02/02/10	sm	N
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Analysis Method: EPA 1010

Batch: T014644

Flashpoint	> 200 °F	1.0	1	02/01/10	sm	02/01/10	sm	
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Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	0.24 mg/kg dry	0.12	1	02/12/10	sm	02/12/10	sm	506, N
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Analysis Method: EPA 9045C

Batch: T014668

Corrosivity-pH	6.50 pH Units		1	02/02/10	sm	02/02/10	sm	N
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Analysis Method: EPA Chapter 7.3

Batch: T014723

Sulfide, Reactive	<6.0 mg/kg dry	6.0	1	02/04/10	bd	02/04/10	bd	N
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Analysis Method: EPA Chapter 7.3 Reactivity

Batch: T014707

Cyanide, Reactive	<0.50 mg/L	0.50	1	02/04/10	sm	02/04/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-02	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Grab)	Date Received: 01/29/10 10:26	
PARAMETERS	RESULTS UNITS	RDL DILUTION PREPARED BY ANALYZED BY NOTES MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Analysis Method: EPA 8015

Batch: T014721

Gasoline Range Organics (TPH) <4.0 mg/kg dry 4.0 50 02/02/10 jp 02/03/10 jp

#### **Surrogates:**

Fluorobenzene 106 % 80-130 50 02/02/10 jp 02/03/10 jp N

#### Analysis Method: EPA 8260B

Batch: T014706

Chloromethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Bromomethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Chloroethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
1,1-Dichloroethene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Acetone	<0.050 mg/kg dry	0.050	1	02/01/10	jp	02/01/10	jp	
Carbon disulfide	<0.025 mg/kg dry	0.025	1	02/01/10	jp	02/01/10	jp	
Methylene chloride	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
trans-1,2-Dichloroethene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
1,1-Dichloroethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
2-Butanone	<0.050 mg/kg dry	0.050	1	02/01/10	jp	02/01/10	jp	
cis-1,2-Dichloroethene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Chloroform	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
1,1,1-Trichloroethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Carbon tetrachloride	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Benzene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
1,2-Dichloroethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
1,2-Dichloropropane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Bromodichloromethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
cis-1,3-Dichloropropene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
4-Methyl-2-pentanone	<0.050 mg/kg dry	0.050	1	02/01/10	jp	02/01/10	jp	
<b>Toluene</b>	<b>0.054 mg/kg dry</b>	<b>0.010</b>	<b>1</b>	<b>02/01/10</b>	<b>jp</b>	<b>02/01/10</b>	<b>jp</b>	
1,1,2-Trichloroethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Tetrachloroethene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
2-Hexanone	<0.050 mg/kg dry	0.050	1	02/01/10	jp	02/01/10	jp	
Dibromochloromethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Chlorobenzene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Ethylbenzene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
m,p-Xylene	<0.020 mg/kg dry	0.020	1	02/01/10	jp	02/01/10	jp	N
o-Xylene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	N

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10A235-02	Date Collected: 01/28/10 16:10	Matrix: Soil
Sample ID: W19HS1-10-1 (Grab)	Date Received: 01/29/10 10:26	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Xylenes, total	<0.030 mg/kg dry	0.030	1	02/01/10	jp	02/01/10	jp	N
Styrene	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
Bromoform	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
1,1,2,2-Tetrachloroethane	<0.010 mg/kg dry	0.010	1	02/01/10	jp	02/01/10	jp	
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	101 %	71-131	1	02/01/10	jp	02/01/10	jp	
Toluene-d8	117 %	70-130	1	02/01/10	jp	02/01/10	jp	
4-Bromofluorobenzene	122 %	65-122	1	02/01/10	jp	02/01/10	jp	
1,2-Dichlorobenzene-d4	113 %	54-134	1	02/01/10	jp	02/01/10	jp	

### VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T014717

Vinyl chloride	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.70
2-Butanone	<0.25 mg/L	0.25	50	02/03/10	jp	02/03/10	jp	200
Chloroform	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Benzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	7.5
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	103 %	70-133	50	02/03/10	jp	02/03/10	jp	
Toluene-d8	106 %	76-125	50	02/03/10	jp	02/03/10	jp	
4-Bromofluorobenzene	95 %	72-123	50	02/03/10	jp	02/03/10	jp	
1,2-Dichlorobenzene-d4	88 %	71-123	50	02/03/10	jp	02/03/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A235-02	Date Collected:	01/28/10 16:10	Matrix:	Soil		
Sample ID:	W19HS1-10-1 (Grab)	Date Received:	01/29/10 10:26				
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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014647

% Solids	86 % by Wt.	0.10	1	02/01/10	sm	02/02/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	<54 mg/kg dry	54	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A235-03	Date Collected:	01/28/10 16:40	Matrix:	Soil		
Sample ID:	W19HS1-10-2	Date Received:	01/29/10 10:26				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014721

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/02/10	jp	02/03/10	jp	
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**Surrogates:**

Fluorobenzene	103 %	80-130	50	02/02/10	jp	02/03/10	jp	N
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014647

% Solids	84 % by Wt.	0.10	1	02/01/10	sm	02/02/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	<57 mg/kg dry	57	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A235-04	Date Collected:	01/28/10 17:00	Matrix:	Soil		
Sample ID:	W19HS1-10-3	Date Received:	01/29/10 10:26				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014721

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/02/10	jp	02/03/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	104 %	80-130	50	02/02/10	jp	02/03/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014647

% Solids	85 % by Wt.	0.10	1	02/01/10	sm	02/02/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	<59 mg/kg dry	59	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10A235-05	Date Collected:	01/28/10 17:10	Matrix:	Soil			
Sample ID:	W19HS1-10-4	Date Received:	01/29/10 10:26					
PARAMETERS		RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014721

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/02/10	jp	02/03/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	105 %	80-130	50	02/02/10	jp	02/03/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014647

% Solids	85 % by Wt.	0.10	1	02/01/10	sm	02/02/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	<53 mg/kg dry	53	1	02/04/10	rbp	02/05/10	rbp	N
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## QUALITY CONTROL RESULTS

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014673

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, SVOC

Analysis Method: EPA 1311

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014633

QC Batch Method: EPA 3051 Microwave Assisted  
Digestions for Solids

Analysis Description: Chromium, Total

Analysis Method: EPA 6010B

### METHOD BLANK: T014633-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Cadmium	mg/kg dry	<0.20	0.20	
Chromium	mg/kg dry	<2.0	2.0	
Copper	mg/kg dry	<1.0	1.0	
Nickel	mg/kg dry	<1.0	1.0	
Lead	mg/kg dry	<1.0	1.0	
Vanadium	mg/kg dry	<1.0	1.0	
Zinc	mg/kg dry	<1.0	1.0	

### LABORATORY CONTROL SAMPLE: T014633-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	38.5	96	80-120	
Cadmium	mg/kg dry	40.0	38.3	96	80-120	
Chromium	mg/kg dry	40.0	38.9	97	80-120	
Copper	mg/kg dry	40.0	38.5	96	80-120	
Nickel	mg/kg dry	40.0	38.3	96	80-120	
Lead	mg/kg dry	40.0	38.4	96	80-120	
Vanadium	mg/kg dry	40.0	40.2	100	80-120	
Zinc	mg/kg dry	40.0	38.0	95	80-120	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014633-MSD1

Original: T10A235-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Barium	mg/kg dry	192	39.9	169	206	-60	35	75-125	-754	20	222
Cadmium	mg/kg dry	1.37	39.9	35.6	39.9	87	97	75-125	11	20	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014633-MSD1**

Original: T10A235-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Chromium	mg/kg dry	15.5	39.9	46.1	50.6	78	88	75-125	13	20	
Copper	mg/kg dry	49.0	39.9	79.4	87.0	77	95	75-125	21	20	207
Nickel	mg/kg dry	17.9	39.9	47.0	53.4	74	89	75-125	19	20	208
Lead	mg/kg dry	115	39.9	120	140	14	63	75-125	129	20	205
Vanadium	mg/kg dry	48.6	39.9	81.4	98.4	83	125	75-125	40	20	207
Zinc	mg/kg dry	105	39.9	115	135	26	76	75-125	99	20	202

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014653

QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids

Analysis Description: Chromium, TCLP

Analysis Method: EPA 6010B

**METHOD BLANK: T014653-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

**METHOD BLANK: T014653-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

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#### LABORATORY CONTROL SAMPLE: T014653-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	110	80-120	
Arsenic	mg/L	0.0556	<0.30	94	80-120	
Barium	mg/L	0.889	<1.0	105	80-120	
Cadmium	mg/L	0.0278	<0.10	103	80-120	
Chromium	mg/L	0.0278	<0.50	109	80-120	
Copper	mg/L	0.889	0.906	102	80-120	
Nickel	mg/L	0.889	0.932	105	80-120	
Lead	mg/L	0.0556	<0.50	107	80-120	
Selenium	mg/L	0.0556	<0.60	95	80-120	
Zinc	mg/L	0.889	0.983	111	80-120	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014633

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Arsenic, Total

Analysis Method: EPA 6020

#### METHOD BLANK: T014633-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.10	0.10	
Selenium	mg/kg dry	<0.20	0.20	

#### LABORATORY CONTROL SAMPLE: T014633-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.72	94	80-120	
Selenium	mg/kg dry	5.00	4.28	86	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014633-MSD1

Original: T10A235-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Arsenic	mg/kg dry	15.4	4.99	19.3	10.4	80	-100	75-125	-1770	20	204
Selenium	mg/kg dry	1.95	4.99	5.03	2.74	62	16	75-125	119	20	212

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014682

QC Batch Method: EPA 3051 Microwave Assisted Digestion with HCl

Analysis Description: Silver, Total

Analysis Method: EPA 6020

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#### METHOD BLANK: T014682-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

#### LABORATORY CONTROL SAMPLE: T014682-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	5.13	103	80-120	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014655

QC Batch Method: EPA 7470A Prep

Analysis Description: Mercury, TCLP

Analysis Method: EPA 7470A

#### METHOD BLANK: T014655-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### METHOD BLANK: T014655-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### LABORATORY CONTROL SAMPLE: T014655-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	108	80-120	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014633

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Mercury, Total, EPA 7470/7471

Analysis Method: EPA 7471A

#### METHOD BLANK: T014633-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

#### LABORATORY CONTROL SAMPLE: T014633-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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#### LABORATORY CONTROL SAMPLE: T014633-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.200	0.180	90	77-122	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014633-MSD1 Original: T10A235-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/kg dry	0.220	0.199	0.321	0.279	51	30	76-123	54	20	212

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014656

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, Metals

Analysis Method: EPA 1311

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014674

QC Batch Method: Leaching procedures

Analysis Description: TCLP ZHE, Volatiles

Analysis Method: EPA 1311

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014680

QC Batch Method: EPA 3510C Separatory Funnel  
Liquid-Liquid Extr.

Analysis Description: TCLP Pesticides

Analysis Method: EPA 8081A

#### METHOD BLANK: T014680-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.000050	0.000050	
Endrin	mg/L	<0.000010	0.000010	
gamma-BHC (Lindane)	mg/L	<0.000010	0.000010	
Heptachlor	mg/L	<0.000010	0.000010	
Heptachlor epoxide	mg/L	<0.000010	0.000010	
Methoxychlor	mg/L	<0.000010	0.000010	
Toxaphene	mg/L	<0.000050	0.000050	
Tetrachloro-m-xylene (S)	%	74	38-94	
Decachlorobiphenyl (S)	%	74	40-93	

#### LABORATORY CONTROL SAMPLE: T014680-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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#### LABORATORY CONTROL SAMPLE: T014680-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Endrin	mg/L	0.0000500	0.0000367	73	31-145	
gamma-BHC (Lindane)	mg/L	0.0000500	0.0000356	71	38-125	
Heptachlor	mg/L	0.0000500	0.0000351	70	34-124	
Heptachlor epoxidemg	/L	0.0000500	0.0000409	82	35-125	
Methoxychlor	mg/L	0.0000500	0.0000354	71	54-109	
Tetrachloro-m-xylene (S)	%	0.000100	0.0000638	64	38-94	
Decachlorobiphenyl (S)	%	0.000100	0.0000681	68	40-93	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014642

Analysis Description: PCBs

QC Batch Method: EPA 3540C Soxhlet Extraction

Analysis Method: EPA 8082

#### METHOD BLANK: T014642-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.33	0.33	
Aroclor-1221	mg/kg wet	<0.33	0.33	
Aroclor-1232	mg/kg wet	<0.33	0.33	
Aroclor-1242	mg/kg wet	<0.33	0.33	
Aroclor-1248	mg/kg wet	<0.33	0.33	
Aroclor-1254	mg/kg wet	<0.33	0.33	
Aroclor-1260	mg/kg wet	<0.33	0.33	
Tetrachloro-m-xylene (S)	%	56	40-113	
Decachlorobiphenyl (S)	%	56	32-111	

#### LABORATORY CONTROL SAMPLE: T014642-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.667	0.357	54	51-110	
Aroclor-1260	mg/kg wet	0.667	0.396	59	49-110	
Tetrachloro-m-xylene (S)	%	0.0333	0.0203	61	40-113	
Decachlorobiphenyl (S)	%	0.0333	0.0221	66	32-111	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014681

Analysis Description: TCLP Herbicides

QC Batch Method: EPA 8151

Analysis Method: EPA 8151A

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#### METHOD BLANK: T014681-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.0020	0.0020	
2,4,5-TP (Silvex)	mg/L	<0.0010	0.0010	
2,4-Dichlorophenylacetic acid (S)	%	90	39-125	

#### LABORATORY CONTROL SAMPLE: T014681-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-D	mg/L	0.00400	0.00314	78	40-129	
2,4,5-TP (Silvex)	mg/L	0.00400	0.00308	77	56-121	
2,4-Dichlorophenylacetic acid (S)	%	0.00800	0.00661	83	39-125	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014636

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

#### METHOD BLANK: T014636-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.033	0.033	
2-Chlorophenol	mg/kg wet	<0.083	0.083	
Phenol	mg/kg wet	<0.083	0.083	
1,3-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,4-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,2-Dichlorobenzene	mg/kg wet	<0.083	0.083	
Benzyl alcohol	mg/kg wet	<0.66	0.66	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.083	0.083	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.083	0.083	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.083	0.083	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.083	0.083	
Hexachloroethane	mg/kg wet	<0.083	0.083	
Nitrobenzene	mg/kg wet	<0.033	0.033	
Isophorone	mg/kg wet	<0.083	0.083	
2-Nitrophenol	mg/kg wet	<0.083	0.083	
2,4-Dimethylphenol	mg/kg wet	<0.083	0.083	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.083	0.083	
Benzoic acid	mg/kg wet	<1.2	1.2	
1,2,4-Trichlorobenzene	mg/kg wet	<0.083	0.083	
2,4-Dichlorophenol	mg/kg wet	<0.083	0.083	
Naphthalene	mg/kg wet	<0.083	0.083	
4-Chloroaniline	mg/kg wet	<0.083	0.083	
Hexachlorobutadiene	mg/kg wet	<0.033	0.033	
4-Chloro-3-methylphenol	mg/kg wet	<0.083	0.083	

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# METHOD BLANK: T014636-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2-Methylnaphthalene	mg/kg wet	<0.083	0.083	
Hexachlorocyclopentadiene	mg/kg wet	<0.17	0.17	
2,4,6-Trichlorophenol	mg/kg wet	<0.033	0.033	
2,4,5-Trichlorophenol	mg/kg wet	<0.083	0.083	
2-Chloronaphthalene	mg/kg wet	<0.083	0.083	
2-Nitroaniline	mg/kg wet	<0.083	0.083	
Dimethyl phthalate	mg/kg wet	<0.083	0.083	
Acenaphthylene	mg/kg wet	<0.083	0.083	
2,6-Dinitrotoluene	mg/kg wet	<0.083	0.083	
3-Nitroaniline	mg/kg wet	<0.083	0.083	
Acenaphthene	mg/kg wet	<0.083	0.083	
Dibenzofuran	mg/kg wet	<0.083	0.083	
2,4-Dinitrotoluene	mg/kg wet	<0.083	0.083	
4-Nitrophenol	mg/kg wet	<0.67	0.67	
2,4-Dinitrophenol	mg/kg wet	<0.67	0.67	
Diethyl phthalate	mg/kg wet	<0.083	0.083	
Fluorene	mg/kg wet	<0.083	0.083	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.083	0.083	
4-Nitroaniline	mg/kg wet	<0.083	0.083	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.17	0.17	
N-Nitrosodiphenylamine	mg/kg wet	<0.083	0.083	
4-Bromophenyl phenyl ether	mg/kg wet	<0.083	0.083	
Hexachlorobenzene	mg/kg wet	<0.083	0.083	
Pentachlorophenol	mg/kg wet	<0.36	0.36	
Phenanthrene	mg/kg wet	<0.033	0.033	
Anthracene	mg/kg wet	<0.083	0.083	
Carbazole	mg/kg wet	<0.083	0.083	
Di-n-butyl phthalate	mg/kg wet	<0.083	0.083	
Fluoranthene	mg/kg wet	<0.033	0.033	
Pyrene	mg/kg wet	<0.083	0.083	
Butyl benzyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (a) anthracene	mg/kg wet	<0.033	0.033	
Chrysene	mg/kg wet	<0.033	0.033	
3,3'-Dichlorobenzidine	mg/kg wet	<0.66	0.66	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Di-n-octyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (b) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (k) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (a) pyrene	mg/kg wet	<0.033	0.033	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.033	0.033	
Dibenz (a,h) anthracene	mg/kg wet	<0.033	0.033	
Benzo (g,h,i) perylene	mg/kg wet	<0.033	0.033	
2-Fluorophenol (S)	%	68	38-81	
Phenol-d5 (S)	%	61	32-102	
Nitrobenzene-d5 (S)	%	73	36-98	

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#### METHOD BLANK: T014636-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2-Fluorobiphenyl (S)	%	62	44-105	
2,4,6-Tribromophenol (S)	%	71	38-101	
Terphenyl-d14 (S)	%	74	46-109	

#### LABORATORY CONTROL SAMPLE: T014636-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.40	2.10	62	49-93	
Phenol	mg/kg wet	3.33	1.86	56	40-90	
1,4-Dichlorobenzene	mg/kg wet	1.75	1.05	60	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	1.49	0.972	65	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	1.82	1.11	61	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.47	2.28	66	50-96	
Acenaphthene	mg/kg wet	1.75	1.05	60	52-105	
2,4-Dinitrotoluene	mg/kg wet	1.70	0.987	58	51-108	
4-Nitrophenol	mg/kg wet	3.33	1.70	51	22-112	
Pentachlorophenol	mg/kg wet	3.43	2.02	59	30-111	
Pyrene	mg/kg wet	1.75	1.15	66	47-114	
2-Fluorophenol (S)	%	3.33	2.15	64	38-81	
Phenol-d5 (S)	%	3.33	2.07	62	32-102	
Nitrobenzene-d5 (S)	%	3.33	2.30	69	36-98	
2-Fluorobiphenyl (S)	%	3.33	2.01	60	44-105	
2,4,6-Tribromophenol (S)	%	3.33	2.31	69	38-101	
Terphenyl-d14 (S)	%	3.33	2.35	71	46-109	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014679

Analysis Description: TCLP Semi-Volatiles

QC Batch Method: EPA 3510C Separatory Funnel  
Liquid-Liquid Extr.

Analysis Method: EPA 8270C

#### METHOD BLANK: T014679-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	

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#### METHOD BLANK: T014679-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	35	20-53	
Phenol-d5 (S)	%	21	11-40	
Nitrobenzene-d5 (S)	%	60	36-103	
2-Fluorobiphenyl (S)	%	56	36-119	
2,4,6-Tribromophenol (S)	%	65	30-105	
Terphenyl-d14 (S)	%	68	37-109	

#### LABORATORY CONTROL SAMPLE: T014679-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0510	0.0355	70	39-105	
Pentachlorophenol	mg/L	0.103	0.0794	77	38-102	
2-Fluorophenol (S)	%	0.100	0.0413	41	20-53	
Phenol-d5 (S)	%	0.100	0.0259	26	11-40	
Nitrobenzene-d5 (S)	%	0.100	0.0712	71	36-103	
2-Fluorobiphenyl (S)	%	0.100	0.0700	70	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0847	85	30-105	
Terphenyl-d14 (S)	%	0.100	0.0896	90	37-109	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014721

QC Batch Method: SW846 5035 Purge-and-Trap for Solids and Wastes

Analysis Description: Gasoline Range Organics

Analysis Method: EPA 8015

#### METHOD BLANK: T014721-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	102	80-130	

#### LABORATORY CONTROL SAMPLE: T014721-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	21.1	105	80-120	
Fluorobenzene (S)	%	100	96.9	97	80-130	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014721-MSD1**

Original: **T10A235-02**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Gasoline Range Organics (TPH)	mg/kg dry	2.32	20.5	24.0	23.6	106	104	80-120	2	20	
Fluorobenzene (S)	%		100	102	100	102	100	80-130			

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014706

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and Wastes

Analysis Method: EPA 8260B

**METHOD BLANK: T014706-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloromethane	mg/kg wet	<0.0050	0.0050	
Bromomethane	mg/kg wet	<0.0050	0.0050	
Chloroethane	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethene	mg/kg wet	<0.0050	0.0050	
Acetone	mg/kg wet	<0.050	0.050	
Carbon disulfide	mg/kg wet	<0.025	0.025	
Methylene chloride	mg/kg wet	<0.0050	0.0050	
trans-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
1,1-Dichloroethane	mg/kg wet	<0.0050	0.0050	
2-Butanone	mg/kg wet	<0.050	0.050	
cis-1,2-Dichloroethene	mg/kg wet	<0.0050	0.0050	
Chloroform	mg/kg wet	<0.0050	0.0050	
1,1,1-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Carbon tetrachloride	mg/kg wet	<0.0050	0.0050	
Benzene	mg/kg wet	<0.0050	0.0050	
1,2-Dichloroethane	mg/kg wet	<0.0050	0.0050	
1,2-Dichloropropane	mg/kg wet	<0.0050	0.0050	
Bromodichloromethane	mg/kg wet	<0.0050	0.0050	
cis-1,3-Dichloropropene	mg/kg wet	<0.0050	0.0050	
4-Methyl-2-pentanone	mg/kg wet	<0.050	0.050	
Toluene	mg/kg wet	<0.0050	0.0050	
1,1,2-Trichloroethane	mg/kg wet	<0.0050	0.0050	
Tetrachloroethene	mg/kg wet	<0.0050	0.0050	
2-Hexanone	mg/kg wet	<0.050	0.050	
Dibromochloromethane	mg/kg wet	<0.0050	0.0050	
Chlorobenzene	mg/kg wet	<0.0050	0.0050	
Ethylbenzene	mg/kg wet	<0.0050	0.0050	
m,p-Xylene	mg/kg wet	<0.010	0.010	
o-Xylene	mg/kg wet	<0.0050	0.0050	
Xylenes, total	mg/kg wet	<0.015	0.015	
Styrene	mg/kg wet	<0.0050	0.0050	
Bromoform	mg/kg wet	<0.0050	0.0050	
1,1,2,2-Tetrachloroethane	mg/kg wet	<0.0050	0.0050	

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#### METHOD BLANK: T014706-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
1,2-Dichloroethane-d4 (S)	%	97	71-131	
Toluene-d8 (S)	%	97	70-130	
4-Bromofluorobenzene (S)	%	94	65-122	
1,2-Dichlorobenzene-d4 (S)	%	94	54-134	

#### LABORATORY CONTROL SAMPLE: T014706-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	0.100	0.105	105	65-144	
Benzene	mg/kg wet	0.100	0.102	102	65-129	
Toluene	mg/kg wet	0.100	0.0989	99	61-129	
Chlorobenzene	mg/kg wet	0.100	0.0974	97	63-123	
1,2-Dichloroethane-d4 (S)	%	30.0	28.6	95	71-131	
Toluene-d8 (S)	%	30.0	29.0	97	70-130	
4-Bromofluorobenzene (S)	%	30.0	27.8	93	65-122	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.8	96	54-134	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014717

Analysis Description: TCLP Volatiles

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

#### METHOD BLANK: T014717-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.0010	0.0010	
1,1-Dichloroethene	mg/L	<0.0010	0.0010	
2-Butanone	mg/L	<0.0050	0.0050	
Chloroform	mg/L	<0.0010	0.0010	
Carbon tetrachloride	mg/L	<0.0010	0.0010	
Benzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane	mg/L	<0.0010	0.0010	
Trichloroethene	mg/L	<0.0010	0.0010	
Tetrachloroethene	mg/L	<0.0010	0.0010	
Chlorobenzene	mg/L	<0.0010	0.0010	
1,4-Dichlorobenzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane-d4 (S)	%	102	70-133	
Toluene-d8 (S)	%	105	76-125	
4-Bromofluorobenzene (S)	%	97	72-123	
1,2-Dichlorobenzene-d4 (S)	%	90	71-123	

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#### LABORATORY CONTROL SAMPLE: T014717-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	0.0200	0.0187	94	47-184	
1,1-Dichloroethene	mg/L	0.0200	0.0187	93	64-156	
2-Butanone	mg/L	0.0200	0.0170	85	70-130	
Chloroform	mg/L	0.0200	0.0195	97	80-120	
Carbon tetrachloride	mg/L	0.0200	0.0181	90	79-141	
Benzene	mg/L	0.0200	0.0193	97	80-120	
1,2-Dichloroethane	mg/L	0.0200	0.0205	103	80-120	
Trichloroethene	mg/L	0.0200	0.0194	97	69-133	
Tetrachloroethene	mg/L	0.0200	0.0175	87	70-120	
Chlorobenzene	mg/L	0.0200	0.0181	91	80-120	
1,4-Dichlorobenzene	mg/L	0.0200	0.0180	90	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	45.8	102	70-133	
Toluene-d8 (S)	%	45.0	44.9	100	76-125	
4-Bromofluorobenzene (S)	%	45.0	44.7	99	72-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	42.8	95	71-123	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014647

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

#### SAMPLE DUPLICATE: T014647-DUP1 Original: T10A235-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	83.6	84.2	0.7	20	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014644

QC Batch Method: EPA 1010

Analysis Description: Flash Point (Ignitability)

Analysis Method: EPA 1010

#### LABORATORY CONTROL SAMPLE: T014644-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014856

QC Batch Method: EPA 9012B

Analysis Description: Cyanide, Total

Analysis Method: EPA 9012B

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# **METHOD BLANK: T014856-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide (total)	mg/kg wet	<0.12	0.12	

# **LABORATORY CONTROL SAMPLE: T014856-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide (total)	mg/kg wet	4.00	3.58	89	81-111	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014724

QC Batch Method: EPA 9023

Analysis Description: Halides, Total

Analysis Method: EPA 9023

# **METHOD BLANK: T014724-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Extractable Organic Halides	mg/kg wet	<50	50	

# **LABORATORY CONTROL SAMPLE: T014724-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Extractable Organic Halides	mg/kg wet	500	399	80	70-124	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014668

QC Batch Method: EPA 9045C

Analysis Description: Corrosivity (pH for waste), 9040/9045

Analysis Method: EPA 9045C

# **SAMPLE DUPLICATE: T014668-DUP1 Original: T10A235-01**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Corrosivity-pH	pH Units	6.50	6.65	2	200	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014723

QC Batch Method: EPA Chapter 7.3

Analysis Description: Reactivity - Sulfide

Analysis Method: EPA Chapter 7.3

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#### METHOD BLANK: T014723-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Sulfide, Reactive	mg/kg wet	<5.0	5.0	

#### LABORATORY CONTROL SAMPLE: T014723-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	5.00	<5.0	82	74-126	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014723-MSD1 Original: T10A235-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Sulfide, Reactive	mg/kg dry	0.362	5.87	5.36	5.16	84	82	52-115	2	27	

Trace Project ID: T10A235

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014707

QC Batch Method: EPA Chapter 7.3 Reactivity

Analysis Description: Reactivity - Cyanide

Analysis Method: EPA Chapter 7.3 Reactivity

#### METHOD BLANK: T014707-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide, Reactive	mg/L	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014707-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/L	0.200	<0.50	96	79-121	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014707-MSD1 Original: T10A235-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Cyanide, Reactive	mg/L	0	1.96	1.89	1.88	94	96	71-128	1	7.2	

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## SAMPLE LOG IN CHECKLIST

Date: <u>1-29-10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10A235</u>		Project Name: <u>[Signature]</u>		Cooler #s: _____	
		Logged in by: <u>[Signature]</u>		Cooler #s: _____	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>			<b>Cooler Temperature</b>		
			Correction Factor <u>0.1</u> °C		
Slurry w/ crushed, cubed, or chip ice? Yes <input type="checkbox"/> No <input type="checkbox"/>			Date: <u>1-29-10</u> Time: <u>10:26</u>		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			Temperature Blank: _____ °C		
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			Range of 3 samples: <u>3</u> °C		
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			Melt Water: _____ °C		
			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		
<b>General</b>					
			Yes No NA		
COC taped to inside of cooler lid?			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
All bottles arrived unbroken with labels in good condition?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Each sample point is in a sealed plastic bag?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Labels filled out completely?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottle labels agree with Chain of Custody (COC)?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Sufficient sample to run tests requested?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
pH checked and samples at correct pH?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
Correct preservative added to samples?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
DRO/GRO samples received and appropriate check in form completed?			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
Air bubbles absent from VOAs?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
COC filled out properly and signed by client?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
COC signed in by TRACE sample custodian?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Was project manager called and samples discussed?			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Contact: _____			Date: _____		
Notes: <u>SAMPLE w/ 19451 - 10-1 At 14:40 Labeled WRONG</u>					

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February 16, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B015  
Client Project LEC MW19HS1 Remediation / 6527.40

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



## SAMPLE SUMMARY

Trace Project ID: T10B015  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B015-01	W19HS1-10-5	Soil	sp	01/29/10 12:00	02/02/10 10:24
T10B015-02	W19HS1-10-6	Soil	sp	01/29/10 14:00	02/02/10 10:24
T10B015-03	W19HS1-10-7-Composite	Soil	sp	02/01/10 09:15	02/02/10 10:24
T10B015-04	W19HS1-10-8	Soil	sp	02/01/10 09:30	02/02/10 10:24
T10B015-05	W19HS1-10-9	Soil	sp	02/01/10 14:45	02/02/10 10:24
T10B015-06	Trip Blank	Water	Client	01/11/10	02/02/10 10:24
T10B015-07	W19HS1-10-7-Grab	Soil	sp	02/01/10 09:15	02/02/10 10:24

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

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Trace ID: T10B015-03

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-01	Date Collected:	01/29/10 12:00	Matrix:	Soil			
Sample ID:	W19HS1-10-5	Date Received:	02/02/10 10:24					
PARAMETERS		RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	5.2 mg/kg dry	4.0	50	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	104 %	80-130	50	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	87 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	71 mg/kg dry	56	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-02	Date Collected:	01/29/10 14:00	Matrix:	Soil		
Sample ID:	W19HS1-10-6	Date Received:	02/02/10 10:24				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	25 mg/kg dry	4.0	50	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	106 %	80-130	50	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	88 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	220 mg/kg dry	55	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-03	Date Collected: 02/01/10 09:15	Matrix: Soil
Sample ID: W19HS1-10-7-Composite	Date Received: 02/02/10 10:24	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014660

Bis(2-chloroethyl)ether	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl
2-Chlorophenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Phenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
1,3-Dichlorobenzene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
1,4-Dichlorobenzene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
1,2-Dichlorobenzene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Benzyl alcohol	<3.9 mg/kg dry	3.9	5	02/02/10	kb	02/03/10	avl
Bis(2-chloroisopropyl)ether	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2-Methylphenol (o-Cresol)	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
3,4-Methylphenol (m,p Cresol)	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
N-Nitrosodi-n-propylamine	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Hexachloroethane	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Nitrobenzene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl
Isophorone	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2-Nitrophenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2,4-Dimethylphenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Bis(2-chloroethoxy)methane	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Benzoic acid	<7.1 mg/kg dry	7.1	5	02/02/10	kb	02/03/10	avl
1,2,4-Trichlorobenzene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2,4-Dichlorophenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
<b>Naphthalene</b>	<b>0.56 mg/kg dry</b>	<b>0.49</b>	<b>5</b>	<b>02/02/10</b>	<b>kb</b>	<b>02/03/10</b>	<b>avl</b>
4-Chloroaniline	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Hexachlorobutadiene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl
4-Chloro-3-methylphenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2-Methylnaphthalene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Hexachlorocyclopentadiene	<1.0 mg/kg dry	1.0	5	02/02/10	kb	02/03/10	avl
2,4,6-Trichlorophenol	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl
2,4,5-Trichlorophenol	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2-Chloronaphthalene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2-Nitroaniline	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Dimethyl phthalate	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Acenaphthylene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
2,6-Dinitrotoluene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
3-Nitroaniline	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl
Acenaphthene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-03	Date Collected: 02/01/10 09:15	Matrix: Soil
Sample ID: W19HS1-10-7-Composite	Date Received: 02/02/10 10:24	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
Dibenzofuran	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
2,4-Dinitrotoluene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
4-Nitrophenol	<3.9 mg/kg dry	3.9	5	02/02/10	kb	02/03/10	avl		
2,4-Dinitrophenol	<3.9 mg/kg dry	3.9	5	02/02/10	kb	02/03/10	avl		
Diethyl phthalate	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Fluorene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
4-Chlorophenyl phenyl ether	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
4-Nitroaniline	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
4,6-Dinitro-2-methylphenol	<1.0 mg/kg dry	1.0	5	02/02/10	kb	02/03/10	avl		
N-Nitrosodiphenylamine	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
4-Bromophenyl phenyl ether	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Hexachlorobenzene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Pentachlorophenol	<2.1 mg/kg dry	2.1	5	02/02/10	kb	02/03/10	avl		
Phenanthrene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Anthracene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Carbazole	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Di-n-butyl phthalate	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Fluoranthene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Pyrene	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
<b>Butyl benzyl phthalate</b>	<b>0.70 mg/kg dry</b>	<b>0.49</b>	<b>5</b>	<b>02/02/10</b>	<b>kb</b>	<b>02/03/10</b>	<b>avl</b>		
Benzo (a) anthracene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Chrysene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
3,3'-Dichlorobenzidine	<3.9 mg/kg dry	3.9	5	02/02/10	kb	02/03/10	avl	N	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>24 mg/kg dry</b>	<b>0.49</b>	<b>5</b>	<b>02/02/10</b>	<b>kb</b>	<b>02/03/10</b>	<b>avl</b>		
Di-n-octyl phthalate	<0.49 mg/kg dry	0.49	5	02/02/10	kb	02/03/10	avl		
Benzo (b) fluoranthene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Benzo (k) fluoranthene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Benzo (a) pyrene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Indeno (1,2,3-cd) pyrene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Dibenz (a,h) anthracene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
Benzo (g,h,i) perylene	<0.19 mg/kg dry	0.19	5	02/02/10	kb	02/03/10	avl		
<b>Surrogates:</b>									
2-Fluorophenol	60 %	38-81	5	02/02/10	kb	02/03/10	avl		
Phenol-d5	46 %	32-102	5	02/02/10	kb	02/03/10	avl		
Nitrobenzene-d5	65 %	36-98	5	02/02/10	kb	02/03/10	avl		
2-Fluorobiphenyl	66 %	44-105	5	02/02/10	kb	02/03/10	avl		
2,4,6-Tribromophenol	58 %	38-101	5	02/02/10	kb	02/03/10	avl		

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-03	Date Collected:	02/01/10 09:15	Matrix:	Soil			
Sample ID:	W19HS1-10-7-Composite	Date Received:	02/02/10 10:24					
PARAMETERS		RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Terphenyl-d14	70 %	46-109	5	02/02/10	kb	02/03/10	avl
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014679

Pyridine	<0.40 mg/L	0.40	2	02/03/10	kb	02/04/10	avl	5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	200
Hexachloroethane	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/03/10	kb	02/04/10	avl	2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/03/10	kb	02/04/10	avl	2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/03/10	kb	02/04/10	avl	0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/03/10	kb	02/04/10	avl	100

#### Surrogates:

2-Fluorophenol	41 %	20-53	2	02/03/10	kb	02/04/10	avl
Phenol-d5	25 %	11-40	2	02/03/10	kb	02/04/10	avl
Nitrobenzene-d5	70 %	36-103	2	02/03/10	kb	02/04/10	avl
2-Fluorobiphenyl	69 %	36-119	2	02/03/10	kb	02/04/10	avl
2,4,6-Tribromophenol	78 %	30-105	2	02/03/10	kb	02/04/10	avl
Terphenyl-d14	86 %	37-109	2	02/03/10	kb	02/04/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014664

Aroclor-1016	<0.078 mg/kg dry	0.078	1	02/02/10	kb	02/04/10	tim
Aroclor-1221	<0.078 mg/kg dry	0.078	1	02/02/10	kb	02/04/10	tim
Aroclor-1232	<0.078 mg/kg dry	0.078	1	02/02/10	kb	02/04/10	tim
Aroclor-1242	<0.078 mg/kg dry	0.078	1	02/02/10	kb	02/04/10	tim
Aroclor-1248	<0.078 mg/kg dry	0.078	1	02/02/10	kb	02/04/10	tim
<b>Aroclor-1254</b>	<b>1.0 mg/kg dry</b>	<b>0.31</b>	<b>4</b>	<b>02/02/10</b>	<b>kb</b>	<b>02/04/10</b>	<b>tim</b>
Aroclor-1260	<0.078 mg/kg dry	0.078	1	02/02/10	kb	02/04/10	tim

#### Surrogates:

Tetrachloro-m-xylene	50 %	40-113	1	02/02/10	kb	02/04/10	tim	N
Decachlorobiphenyl	46 %	32-111	1	02/02/10	kb	02/04/10	tim	N

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-03	Date Collected: 02/01/10 09:15	Matrix: Soil
Sample ID: W19HS1-10-7-Composite	Date Received: 02/02/10 10:24	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### PESTICIDES/PCBS

#### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014680

Chlordane	<0.00050 mg/L	0.00050	1	02/08/10	kb	02/08/10	tim	0.030
Endrin	<0.00010 mg/L	0.00010	1	02/08/10	kb	02/08/10	tim	0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/08/10	kb	02/08/10	tim	0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/08/10	kb	02/08/10	tim	0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/08/10	kb	02/08/10	tim	0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/08/10	kb	02/08/10	tim	10
Toxaphene	<0.0050 mg/L	0.0050	1	02/08/10	kb	02/08/10	tim	0.50

#### Surrogates:

Tetrachloro-m-xylene	65 %	38-94	1	02/08/10	kb	02/08/10	tim	N
Decachlorobiphenyl	69 %	40-93	1	02/08/10	kb	02/08/10	tim	N

### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014681

2,4-D	<0.050 mg/L	0.050	1	02/03/10	kb	02/05/10	tim	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/03/10	kb	02/05/10	tim	N	1.0

#### Surrogates:

2,4-Dichlorophenylacetic acid	97 %	39-125	1	02/03/10	kb	02/05/10	tim	N
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### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014676

Barium	160 mg/kg dry	0.98	1	02/03/10	jd	02/04/10	jlm
Chromium	17 mg/kg dry	0.98	1	02/03/10	jd	02/04/10	jlm
Copper	41 mg/kg dry	0.98	1	02/03/10	jd	02/04/10	jlm
Lead	53 mg/kg dry	0.98	1	02/03/10	jd	02/04/10	jlm
Nickel	16 mg/kg dry	0.98	1	02/03/10	jd	02/04/10	jlm
Vanadium	41 mg/kg dry	0.98	1	02/03/10	jm	02/15/10	jlm
Zinc	100 mg/kg dry	0.98	1	02/03/10	jd	02/04/10	jlm

Analysis Method: EPA 6020

Batch: T014676

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-03	Date Collected:	02/01/10 09:15	Matrix:	Soil		
Sample ID:	W19HS1-10-7-Composite	Date Received:	02/02/10 10:24				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
METALS, TOTAL							
Arsenic	8.9 mg/kg dry	0.098	10	02/03/10 jd	02/03/10 jn		
Cadmium	13 mg/kg dry	0.20	10	02/03/10 jn	02/05/10 jn		
Selenium	1.3 mg/kg dry	0.20	10	02/03/10 jd	02/03/10 jn		
Silver	0.12 ma/kg dry	0.10	10	02/03/10 jd	02/04/10 jn		

### Analysis Method: EPA 7471A

Batch: T014676

Mercury	0.18 mg/kg dry	0.029	1	02/03/10	jd	02/05/10	jl
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## METALS, TCLP

### Analysis Method: EPA 6010B

Batch: T014705

Arsenic	<0.30 mg/L	0.30	1	02/04/10	jd	02/08/10	jl	5.0
Barium	<1.0 mg/L	1.0	1	02/04/10	jd	02/08/10	jl	100
Cadmium	<0.10 mg/L	0.10	1	02/04/10	jd	02/08/10	jl	1.0
Chromium	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jl	5.0
Copper	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jl	
Lead	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jl	5.0
Nickel	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jl	
Selenium	<0.60 mg/L	0.60	1	02/04/10	jd	02/08/10	jl	1.0
Silver	<0.10 mg/L	0.10	1	02/04/10	jd	02/08/10	jl	5.0
Zinc	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jl	

### Analysis Method: EPA 7470A

Batch: T014737

Mercury	<0.010 mg/L	0.010	1	02/05/10	jd	02/05/10	jl	0.20
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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-03	Date Collected:	02/01/10 09:15	Matrix:	Soil		
Sample ID:	W19HS1-10-7-Composite	Date Received:	02/02/10 10:24				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	85 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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Analysis Method: EPA 1010

Batch: T014781

Flashpoint	> 200 °F	1.0	1	02/08/10	sm	02/09/10	sm	
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Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	0.24 mg/kg dry	0.12	1	02/12/10	sm	02/12/10	sm	N
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Analysis Method: EPA 9045C

Batch: T014668

Corrosivity-pH	7.11 pH Units		1	02/02/10	sm	02/02/10	sm	N
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Analysis Method: EPA Chapter 7.3

Batch: T014723

Sulfide, Reactive	<5.8 mg/kg dry	5.8	1	02/04/10	bd	02/04/10	bd	N
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Analysis Method: EPA Chapter 7.3 Reactivity

Batch: T014707

Cyanide, Reactive	<0.50 mg/L	0.50	1	02/04/10	sm	02/04/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-04	Date Collected:	02/01/10 09:30	Matrix:	Soil		
Sample ID:	W19HS1-10-8	Date Received:	02/02/10 10:24				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	310 mg/kg dry	17	1000	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	111 %	80-130	1000	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	85 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	230 mg/kg dry	51	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B015-05	Date Collected:	02/01/10 14:45	Matrix:	Soil			
Sample ID:	W19HS1-10-9	Date Received:	02/02/10 10:24					
PARAMETERS		RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	110 mg/kg dry	11	1000	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	106 %	80-130	1000	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014662

% Solids	85 % by Wt.	0.10	1	02/02/10	sm	02/03/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	210 mg/kg dry	56	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-06 Date Collected: 01/11/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/02/10 10:24

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014695

Dichlorodifluoromethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Chloromethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Vinyl chloride	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Bromomethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Chloroethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Trichlorofluoromethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Diethyl ether	<10 ug/L	10	1	02/02/10	jp	02/02/10	jp	N
Tert-butyl alcohol	<50 ug/L	50	1	02/02/10	jp	02/02/10	jp	N
1,1-Dichloroethene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Acetone	<50 ug/L	50	1	02/02/10	jp	02/02/10	jp	
Iodomethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	N
Carbon disulfide	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Methylene chloride	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Acrylonitrile	<2.0 ug/L	2.0	1	02/02/10	jp	02/02/10	jp	
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
1,1-Dichloroethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Diisopropyl Ether	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	N
2-Butanone	<25 ug/L	25	1	02/02/10	jp	02/02/10	jp	
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	N
Bromochloromethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Tetrahydrofuran	<90 ug/L	90	1	02/02/10	jp	02/02/10	jp	N
Chloroform	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Carbon tetrachloride	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Benzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	N
1,2-Dichloroethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Cyclohexane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	N
Trichloroethene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
1,2-Dichloropropane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
Dibromomethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	
Bromodichloromethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-06

Date Collected: 01/11/10

Matrix: Water

Sample ID: Trip Blank

Date Received: 02/02/10 10:24

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
4-Methyl-2-pentanone	<50 ug/L	50	1	02/02/10	jp	02/02/10	jp
Toluene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Tetrachloroethene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
2-Hexanone	<50 ug/L	50	1	02/02/10	jp	02/02/10	jp
Dibromochloromethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Chlorobenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Ethylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
m,p-Xylene	<2.0 ug/L	2.0	1	02/02/10	jp	02/02/10	jp N
o-Xylene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp N
Xylenes, total	<3.0 ug/L	3.0	1	02/02/10	jp	02/02/10	jp N
Styrene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Bromoform	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Isopropylbenzene	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Bromobenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
n-Propylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
t-Butyl Benzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
sec-Butylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
p-Isopropyltoluene	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
n-Butylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp N
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
1,2-Dibromo-3-chloropropane	<1.0 ug/L	1.0	1	02/02/10	jp	02/02/10	jp
Hexachloroethane	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp N
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp
Naphthalene	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp N
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-06	Date Collected: 01/11/10	Matrix: Water						
Sample ID: Trip Blank	Date Received: 02/02/10 10:24							
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL	
VOLATILE ORGANIC COMPOUNDS BY GC-MS								
2-Methylnaphthalene	<5.0 ug/L	5.0	1	02/02/10	jp	02/02/10	jp	N
Surrogates:								
1,2-Dichloroethane-d4	102 %	70-133	1	02/02/10	jp	02/02/10	jp	
Toluene-d8	105 %	76-125	1	02/02/10	jp	02/02/10	jp	
4-Bromofluorobenzene	98 %	71-123	1	02/02/10	jp	02/02/10	jp	
1,2-Dichlorobenzene-d4	89 %	72-123	1	02/02/10	jp	02/02/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-07	Date Collected: 02/01/10 09:15	Matrix: Soil
Sample ID: W19HS1-10-7-Grab	Date Received: 02/02/10 10:24	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014810

Dichlorodifluoromethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Chloromethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Vinyl chloride	<0.035 mg/kg dry	0.035	50	02/03/10	jp	02/03/10	jp	N
Bromomethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Chloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Trichlorofluoromethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Diethyl ether	<0.18 mg/kg dry	0.18	50	02/03/10	jp	02/03/10	jp	N
Tert-butyl alcohol	<2.2 mg/kg dry	2.2	50	02/03/10	jp	02/03/10	jp	N
1,1-Dichloroethene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Acetone	<0.66 mg/kg dry	0.66	50	02/03/10	jp	02/03/10	jp	
Iodomethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	N
Carbon disulfide	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	
Methyl-tert-butyl ether	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	
Methylene chloride	<0.088 mg/kg dry	0.088	50	02/03/10	jp	02/03/10	jp	
Acrylonitrile	<0.088 mg/kg dry	0.088	50	02/03/10	jp	02/03/10	jp	N
trans-1,2-Dichloroethene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
1,1-Dichloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Diisopropyl Ether	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	N
2-Butanone	<0.66 mg/kg dry	0.66	50	02/03/10	jp	02/03/10	jp	
cis-1,2-Dichloroethene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
t-Butyl Ethyl Ether	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	N
Bromochloromethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Tetrahydrofuran	<0.88 mg/kg dry	0.88	50	02/03/10	jp	02/03/10	jp	N
Chloroform	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
<b>1,1,1-Trichloroethane</b>	<b>0.11 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>	
Carbon tetrachloride	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Benzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
t-Amyl Methyl Ether	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	N
1,2-Dichloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Cyclohexane	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	N
<b>Trichloroethene</b>	<b>0.072 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>	
1,2-Dichloropropane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Dibromomethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
Bromodichloromethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	
cis-1,3-Dichloropropene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-07

Date Collected: 02/01/10 09:15

Matrix: Soil

Sample ID: W19HS1-10-7-Grab

Date Received: 02/02/10 10:24

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
4-Methyl-2-pentanone	<2.2 mg/kg dry	2.2	50	02/03/10	jp	02/03/10	jp
<b>Toluene</b>	<b>30 mg/kg dry</b>	<b>0.44</b>	<b>500</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>
trans-1,3-Dichloropropene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,1,2-Trichloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>Tetrachloroethene</b>	<b>0.30 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>
2-Hexanone	<2.2 mg/kg dry	2.2	50	02/03/10	jp	02/03/10	jp
Dibromochloromethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,2-Dibromoethane (EDB)	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
Chlorobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,1,1,2-Tetrachloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>Ethylbenzene</b>	<b>1.1 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>
<b>m,p-Xylene</b>	<b>5.3 mg/kg dry</b>	<b>0.088</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b> N
<b>o-Xylene</b>	<b>1.6 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b> N
<b>Xylenes, total</b>	<b>7.0 mg/kg dry</b>	<b>0.13</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b> N
Styrene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
Bromoform	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>Isopropylbenzene</b>	<b>0.051 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>
1,1,2,2-Tetrachloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,2,3-Trichloropropane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
trans-1,4-Dichloro-2-butene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
Bromobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>n-Propylbenzene</b>	<b>0.083 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>
<b>1,3,5-Trimethylbenzene</b>	<b>0.18 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>
t-Butyl Benzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>1,2,4-Trimethylbenzene</b>	<b>0.48 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b>
sec-Butylbenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
p-Isopropyltoluene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,3-Dichlorobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,4-Dichlorobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
n-Butylbenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>1,2,3-Trimethylbenzene</b>	<b>0.26 mg/kg dry</b>	<b>0.044</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b> N
1,2-Dichlorobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,2-Dibromo-3-chloropropane	<0.088 mg/kg dry	0.088	50	02/03/10	jp	02/03/10	jp
Hexachloroethane	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
1,2,4-Trichlorobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp
<b>Naphthalene</b>	<b>0.74 mg/kg dry</b>	<b>0.22</b>	<b>50</b>	<b>02/03/10</b>	<b>jp</b>	<b>02/03/10</b>	<b>jp</b> N
1,2,3-Trichlorobenzene	<0.044 mg/kg dry	0.044	50	02/03/10	jp	02/03/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-07  
Sample ID: W19HS1-10-7-Grab

Date Collected: 02/01/10 09:15  
Date Received: 02/02/10 10:24  
Matrix: Soil

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

2-Methylnaphthalene	<0.22 mg/kg dry	0.22	50	02/03/10	jp	02/03/10	jp	N
<b>Surrogates:</b>								
1,2-Dichloroethane-d4	105 %	70-133	50	02/03/10	jp	02/03/10	jp	
1,2-Dichloroethane-d4	115 %	70-133	500	02/05/10	jp	02/05/10	jp	
Toluene-d8	105 %	76-125	50	02/03/10	jp	02/03/10	jp	
Toluene-d8	101 %	76-125	500	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	98 %	71-123	50	02/03/10	jp	02/03/10	jp	
4-Bromofluorobenzene	87 %	71-123	500	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	90 %	72-123	50	02/03/10	jp	02/03/10	jp	
1,2-Dichlorobenzene-d4	100 %	72-123	500	02/05/10	jp	02/05/10	jp	

### VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T014725

Vinyl chloride	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.70
2-Butanone	<0.25 mg/L	0.25	50	02/03/10	jp	02/03/10	jp	200
Chloroform	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Benzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/03/10	jp	02/03/10	jp	7.5

<b>Surrogates:</b>								
1,2-Dichloroethane-d4	97 %	70-133	50	02/03/10	jp	02/03/10	jp	
Toluene-d8	100 %	76-125	50	02/03/10	jp	02/03/10	jp	
4-Bromofluorobenzene	96 %	72-123	50	02/03/10	jp	02/03/10	jp	
1,2-Dichlorobenzene-d4	98 %	71-123	50	02/03/10	jp	02/03/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B015-07  
Sample ID: W19HS1-10-7-Grab

Date Collected: 02/01/10 09:15  
Date Received: 02/02/10 10:24  
Matrix: Soil

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014685

% Solids	87 % by Wt.	0.10	1	02/03/10	sm	02/04/10	sm	N
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## QUALITY CONTROL RESULTS

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014673

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, SVOC

Analysis Method: EPA 1311

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014676

QC Batch Method: EPA 3051 Microwave Assisted  
Digestions for Solids

Analysis Description: Vanadium, Total

Analysis Method: EPA 6010B

### METHOD BLANK: T014676-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Chromium	mg/kg dry	<2.0	2.0	
Copper	mg/kg dry	<1.0	1.0	
Nickel	mg/kg dry	<1.0	1.0	
Lead	mg/kg dry	<1.0	1.0	
Vanadium	mg/kg dry	<1.0	1.0	
Zinc	mg/kg dry	<1.0	1.0	

### LABORATORY CONTROL SAMPLE: T014676-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	36.2	90	80-120	
Chromium	mg/kg dry	40.0	39.3	98	80-120	
Copper	mg/kg dry	40.0	37.2	93	80-120	
Nickel	mg/kg dry	40.0	38.1	95	80-120	
Lead	mg/kg dry	40.0	35.1	88	80-120	
Vanadium	mg/kg dry	40.0	38.9	97	80-120	
Zinc	mg/kg dry	40.0	33.0	82	80-120	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014705

QC Batch Method: EPA 3015 Microwave Assisted  
Digestions for Liquids

Analysis Description: Silver, TCLP

Analysis Method: EPA 6010B

### METHOD BLANK: T014705-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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#### METHOD BLANK: T014705-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

#### METHOD BLANK: T014705-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

#### METHOD BLANK: T014705-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

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**LABORATORY CONTROL SAMPLE: T014705-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	95	80-120	
Arsenic	mg/L	0.0556	<0.30	99	80-120	
Barium	mg/L	0.889	<1.0	101	80-120	
Cadmium	mg/L	0.0278	<0.10	98	80-120	
Chromium	mg/L	0.0278	<0.50	101	80-120	
Copper	mg/L	0.889	0.880	99	80-120	
Nickel	mg/L	0.889	0.871	98	80-120	
Lead	mg/L	0.0556	<0.50	102	80-120	
Selenium	mg/L	0.0556	<0.60	94	80-120	
Zinc	mg/L	0.889	0.895	101	80-120	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014705-MSD1** Original: **T10B015-03**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/L	0	0.250	0.230	0.216	92	86	75-125	6	20	
Arsenic	mg/L	0	0.500	0.484	0.467	97	93	75-125	4	20	
Barium	mg/L	0.371	8.00	8.23	8.35	98	100	75-125	2	20	
Cadmium	mg/L	0.0291	0.250	0.270	0.272	96	97	75-125	0.9	20	
Chromium	mg/L	0	0.250	0.243	<0.50	97	101	75-125	4	20	
Copper	mg/L	0	8.00	7.85	7.97	98	100	75-125	2	20	
Nickel	mg/L	0	8.00	7.60	7.62	95	95	75-125	0.3	20	
Lead	mg/L	0	0.500	0.494	0.511	99	102	75-125	3	20	
Selenium	mg/L	0	0.500	0.463	<0.60	93	90	75-125	3	20	
Zinc	mg/L	0.0539	8.00	7.91	8.00	98	99	75-125	1	20	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014676

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Cadmium, Total

Analysis Method: EPA 6020

**METHOD BLANK: T014676-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.10	0.10	
Cadmium	mg/kg dry	<0.20	0.20	
Selenium	mg/kg dry	<0.20	0.20	

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#### LABORATORY CONTROL SAMPLE: T014676-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.85	97	80-120	
Cadmium	mg/kg dry	40.0	39.0	98	80-120	
Selenium	mg/kg dry	5.00	4.44	89	80-120	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014682

QC Batch Method: EPA 3051 Microwave Assisted Digestion with HCl

Analysis Description: Silver, Total

Analysis Method: EPA 6020

#### METHOD BLANK: T014682-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

#### LABORATORY CONTROL SAMPLE: T014682-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	5.13	103	80-120	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014737

QC Batch Method: EPA 7470A Prep

Analysis Description: Mercury, TCLP

Analysis Method: EPA 7470A

#### METHOD BLANK: T014737-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### METHOD BLANK: T014737-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### METHOD BLANK: T014737-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

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#### LABORATORY CONTROL SAMPLE: T014737-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	104	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014737-MSD1 Original: T10B015-03

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/L	0	0.0500	0.0530	0.0525	106	105	75-125	0.9	20	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014676

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Mercury, Total, EPA 7470/7471

Analysis Method: EPA 7471A

#### METHOD BLANK: T014676-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

#### LABORATORY CONTROL SAMPLE: T014676-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.250	0.192	77	77-122	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014672

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, Metals

Analysis Method: EPA 1311

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014674

QC Batch Method: Leaching procedures

Analysis Description: TCLP ZHE, Volatiles

Analysis Method: EPA 1311

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014680

QC Batch Method: EPA 3510C Separatory Funnel Liquid-Liquid Extr.

Analysis Description: TCLP Pesticides

Analysis Method: EPA 8081A

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#### METHOD BLANK: T014680-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.000050	0.000050	
Endrin	mg/L	<0.000010	0.000010	
gamma-BHC (Lindane)	mg/L	<0.000010	0.000010	
Heptachlor	mg/L	<0.000010	0.000010	
Heptachlor epoxide	mg/L	<0.000010	0.000010	
Methoxychlor	mg/L	<0.000010	0.000010	
Toxaphene	mg/L	<0.000050	0.000050	
Tetrachloro-m-xylene (S)	%	74	38-94	
Decachlorobiphenyl (S)	%	74	40-93	

#### LABORATORY CONTROL SAMPLE: T014680-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Endrin	mg/L	0.0000500	0.0000367	73	31-145	
gamma-BHC (Lindane)	mg/L	0.0000500	0.0000356	71	38-125	
Heptachlor	mg/L	0.0000500	0.0000351	70	34-124	
Heptachlor epoxidemg	/L	0.0000500	0.0000409	82	35-125	
Methoxychlor	mg/L	0.0000500	0.0000354	71	54-109	
Tetrachloro-m-xylene (S)	%	0.000100	0.0000638	64	38-94	
Decachlorobiphenyl (S)	%	0.000100	0.0000681	68	40-93	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014664

Analysis Description: PCBs

QC Batch Method: EPA 3540C Soxhlet Extraction

Analysis Method: EPA 8082

#### METHOD BLANK: T014664-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.066	0.066	
Aroclor-1221	mg/kg wet	<0.066	0.066	
Aroclor-1232	mg/kg wet	<0.066	0.066	
Aroclor-1242	mg/kg wet	<0.066	0.066	
Aroclor-1248	mg/kg wet	<0.066	0.066	
Aroclor-1254	mg/kg wet	<0.066	0.066	
Aroclor-1260	mg/kg wet	<0.066	0.066	
Tetrachloro-m-xylene (S)	%	74	40-113	
Decachlorobiphenyl (S)	%	74	32-111	

#### LABORATORY CONTROL SAMPLE: T014664-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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#### LABORATORY CONTROL SAMPLE: T014664-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.666	0.358	54	51-110	
Aroclor-1260	mg/kg wet	0.666	0.387	58	49-110	
Tetrachloro-m-xylene (S)	%	0.0333	0.0204	61	40-113	
Decachlorobiphenyl (S)	%	0.0333	0.0206	62	32-111	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014681

QC Batch Method: EPA 8151

Analysis Description: TCLP Herbicides

Analysis Method: EPA 8151A

#### METHOD BLANK: T014681-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.0020	0.0020	
2,4,5-TP (Silvex)	mg/L	<0.0010	0.0010	
2,4-Dichlorophenylacetic acid (S)	%	90	39-125	

#### LABORATORY CONTROL SAMPLE: T014681-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-D	mg/L	0.00400	0.00314	78	40-129	
2,4,5-TP (Silvex)	mg/L	0.00400	0.00308	77	56-121	
2,4-Dichlorophenylacetic acid (S)	%	0.00800	0.00661	83	39-125	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014660

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

#### METHOD BLANK: T014660-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.033	0.033	
2-Chlorophenol	mg/kg wet	<0.083	0.083	
Phenol	mg/kg wet	<0.083	0.083	
1,3-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,4-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,2-Dichlorobenzene	mg/kg wet	<0.083	0.083	
Benzyl alcohol	mg/kg wet	<0.66	0.66	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.083	0.083	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.083	0.083	

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# METHOD BLANK: T014660-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.083	0.083	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.083	0.083	
Hexachloroethane	mg/kg wet	<0.083	0.083	
Nitrobenzene	mg/kg wet	<0.033	0.033	
Isophorone	mg/kg wet	<0.083	0.083	
2-Nitrophenol	mg/kg wet	<0.083	0.083	
2,4-Dimethylphenol	mg/kg wet	<0.083	0.083	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.083	0.083	
Benzoic acid	mg/kg wet	<1.2	1.2	
1,2,4-Trichlorobenzene	mg/kg wet	<0.083	0.083	
2,4-Dichlorophenol	mg/kg wet	<0.083	0.083	
Naphthalene	mg/kg wet	<0.083	0.083	
4-Chloroaniline	mg/kg wet	<0.083	0.083	
Hexachlorobutadiene	mg/kg wet	<0.033	0.033	
4-Chloro-3-methylphenol	mg/kg wet	<0.083	0.083	
2-Methylnaphthalene	mg/kg wet	<0.083	0.083	
Hexachlorocyclopentadiene	mg/kg wet	<0.17	0.17	
2,4,6-Trichlorophenol	mg/kg wet	<0.033	0.033	
2,4,5-Trichlorophenol	mg/kg wet	<0.083	0.083	
2-Chloronaphthalene	mg/kg wet	<0.083	0.083	
2-Nitroaniline	mg/kg wet	<0.083	0.083	
Dimethyl phthalate	mg/kg wet	<0.083	0.083	
Acenaphthylene	mg/kg wet	<0.083	0.083	
2,6-Dinitrotoluene	mg/kg wet	<0.083	0.083	
3-Nitroaniline	mg/kg wet	<0.083	0.083	
Acenaphthene	mg/kg wet	<0.083	0.083	
Dibenzofuran	mg/kg wet	<0.083	0.083	
2,4-Dinitrotoluene	mg/kg wet	<0.083	0.083	
4-Nitrophenol	mg/kg wet	<0.67	0.67	
2,4-Dinitrophenol	mg/kg wet	<0.67	0.67	
Diethyl phthalate	mg/kg wet	<0.083	0.083	
Fluorene	mg/kg wet	<0.083	0.083	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.083	0.083	
4-Nitroaniline	mg/kg wet	<0.083	0.083	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.17	0.17	
N-Nitrosodiphenylamine	mg/kg wet	<0.083	0.083	
4-Bromophenyl phenyl ether	mg/kg wet	<0.083	0.083	
Hexachlorobenzene	mg/kg wet	<0.083	0.083	
Pentachlorophenol	mg/kg wet	<0.36	0.36	
Phenanthrene	mg/kg wet	<0.033	0.033	
Anthracene	mg/kg wet	<0.083	0.083	
Carbazole	mg/kg wet	<0.083	0.083	
Di-n-butyl phthalate	mg/kg wet	<0.083	0.083	
Fluoranthene	mg/kg wet	<0.033	0.033	
Pyrene	mg/kg wet	<0.083	0.083	

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# METHOD BLANK: T014660-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Butyl benzyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (a) anthracene	mg/kg wet	<0.033	0.033	
Chrysene	mg/kg wet	<0.033	0.033	
3,3'-Dichlorobenzidine	mg/kg wet	<0.66	0.66	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Di-n-octyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (b) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (k) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (a) pyrene	mg/kg wet	<0.033	0.033	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.033	0.033	
Dibenz (a,h) anthracene	mg/kg wet	<0.033	0.033	
Benzo (g,h,i) perylene	mg/kg wet	<0.033	0.033	
2-Fluorophenol (S)	%	66	38-81	
Phenol-d5 (S)	%	61	32-102	
Nitrobenzene-d5 (S)	%	72	36-98	
2-Fluorobiphenyl (S)	%	61	44-105	
2,4,6-Tribromophenol (S)	%	73	38-101	
Terphenyl-d14 (S)	%	74	46-109	

# LABORATORY CONTROL SAMPLE: T014660-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.32	2.30	69	49-93	
Phenol	mg/kg wet	3.32	2.12	64	40-90	
1,4-Dichlorobenzene	mg/kg wet	3.32	2.24	67	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	3.32	2.89	87	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	3.32	2.23	67	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.32	2.49	75	50-96	
Acenaphthene	mg/kg wet	3.32	2.28	69	52-105	
2,4-Dinitrotoluene	mg/kg wet	3.32	2.51	76	51-108	
4-Nitrophenol	mg/kg wet	3.32	1.73	52	22-112	
Pentachlorophenol	mg/kg wet	3.32	2.77	83	30-111	
Pyrene	mg/kg wet	3.32	2.51	76	47-114	
2-Fluorophenol (S)	%	3.32	2.42	73	38-81	
Phenol-d5 (S)	%	3.32	2.49	75	32-102	
Nitrobenzene-d5 (S)	%	3.32	2.63	79	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.32	70	44-105	
2,4,6-Tribromophenol (S)	%	3.32	2.90	87	38-101	
Terphenyl-d14 (S)	%	3.32	2.67	81	46-109	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

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QC Batch: T014679  
QC Batch Method: EPA 3510C Separatory Funnel  
Liquid-Liquid Extr.

Analysis Description: TCLP Semi-Volatiles  
Analysis Method: EPA 8270C

#### METHOD BLANK: T014679-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	35	20-53	
Phenol-d5 (S)	%	21	11-40	
Nitrobenzene-d5 (S)	%	60	36-103	
2-Fluorobiphenyl (S)	%	56	36-119	
2,4,6-Tribromophenol (S)	%	65	30-105	
Terphenyl-d14 (S)	%	68	37-109	

#### LABORATORY CONTROL SAMPLE: T014679-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0510	0.0355	70	39-105	
Pentachlorophenol	mg/L	0.103	0.0794	77	38-102	
2-Fluorophenol (S)	%	0.100	0.0413	41	20-53	
Phenol-d5 (S)	%	0.100	0.0259	26	11-40	
Nitrobenzene-d5 (S)	%	0.100	0.0712	71	36-103	
2-Fluorobiphenyl (S)	%	0.100	0.0700	70	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0847	85	30-105	
Terphenyl-d14 (S)	%	0.100	0.0896	90	37-109	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014783  
QC Batch Method: SW846 5035 Purge-and-Trap for Solids  
and Wastes

Analysis Description: Gasoline Range Organics  
Analysis Method: EPA 8015

#### METHOD BLANK: T014783-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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#### METHOD BLANK: T014783-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	104	80-130	

#### LABORATORY CONTROL SAMPLE: T014783-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	21.1	106	80-120	
Fluorobenzene (S)	%	100	104	104	80-130	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014783-MSD1 Original: T10B015-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Gasoline Range Organics (TPH)	mg/kg dry	24.5	18.5	43.6	42.8	103	99	80-120	4	20	
Fluorobenzene (S)	%		100	108	107	108	107	80-130			

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014695

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

#### METHOD BLANK: T014695-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	ug/L	<5.0	5.0	
Chloromethane	ug/L	<5.0	5.0	
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<5.0	5.0	
Chloroethane	ug/L	<5.0	5.0	
Trichlorofluoromethane	ug/L	<1.0	1.0	
Diethyl ether	ug/L	<10	10	
Tert-butyl alcohol	ug/L	<50	50	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<50	50	
Iodomethane	ug/L	<1.0	1.0	
Carbon disulfide	ug/L	<5.0	5.0	
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Methylene chloride	ug/L	<5.0	5.0	
Acrylonitrile	ug/L	<2.0	2.0	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
Diisopropyl Ether	ug/L	<5.0	5.0	
2-Butanone	ug/L	<25	25	

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# METHOD BLANK: T014695-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	
t-Butyl Ethyl Ether	ug/L	<5.0	5.0	
Bromochloromethane	ug/L	<1.0	1.0	
Tetrahydrofuran	ug/L	<90	90	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	
Benzene	ug/L	<1.0	1.0	
t-Amyl Methyl Ether	ug/L	<5.0	5.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
Cyclohexane	ug/L	<5.0	5.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Dibromomethane	ug/L	<5.0	5.0	
Bromodichloromethane	ug/L	<1.0	1.0	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<50	50	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<50	50	
Dibromochloromethane	ug/L	<5.0	5.0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
Isopropylbenzene	ug/L	<5.0	5.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	
Bromobenzene	ug/L	<1.0	1.0	
n-Propylbenzene	ug/L	<1.0	1.0	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	
t-Butyl Benzene	ug/L	<1.0	1.0	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	
sec-Butylbenzene	ug/L	<1.0	1.0	
p-Isopropyltoluene	ug/L	<5.0	5.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	

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#### METHOD BLANK: T014695-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
n-Butylbenzene	ug/L	<1.0	1.0	
1,2,3-Trimethylbenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	
Hexachloroethane	ug/L	<5.0	5.0	
1,2,4-Trichlorobenzene	ug/L	<5.0	5.0	
Naphthalene	ug/L	<5.0	5.0	
1,2,3-Trichlorobenzene	ug/L	<5.0	5.0	
2-Methylnaphthalene	ug/L	<5.0	5.0	
1,2-Dichloroethane-d4 (S)	%	99	70-133	
Toluene-d8 (S)	%	105	76-125	
4-Bromofluorobenzene (S)	%	101	71-123	
1,2-Dichlorobenzene-d4 (S)	%	91	72-123	

#### LABORATORY CONTROL SAMPLE: T014695-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	20.0	18.5	93	64-156	
Benzene	ug/L	20.0	19.0	95	80-120	
Trichloroethene	ug/L	20.0	19.4	97	69-133	
Toluene	ug/L	20.0	19.2	96	80-120	
Chlorobenzene	ug/L	20.0	18.9	95	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	44.6	99	70-133	
Toluene-d8 (S)	%	45.0	47.1	105	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.3	103	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	43.4	97	72-123	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014725

Analysis Description: TCLP Volatiles

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

#### METHOD BLANK: T014725-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.0010	0.0010	
1,1-Dichloroethene	mg/L	<0.0010	0.0010	
2-Butanone	mg/L	<0.0050	0.0050	
Chloroform	mg/L	<0.0010	0.0010	
Carbon tetrachloride	mg/L	<0.0010	0.0010	
Benzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane	mg/L	<0.0010	0.0010	

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# **METHOD BLANK: T014725-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Trichloroethene	mg/L	<0.0010	0.0010	
Tetrachloroethene	mg/L	<0.0010	0.0010	
Chlorobenzene	mg/L	<0.0010	0.0010	
1,4-Dichlorobenzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane-d4 (S)	%	96	70-133	
Toluene-d8 (S)	%	100	76-125	
4-Bromofluorobenzene (S)	%	95	72-123	
1,2-Dichlorobenzene-d4 (S)	%	97	71-123	

# **LABORATORY CONTROL SAMPLE: T014725-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	0.0200	0.0206	103	47-184	
1,1-Dichloroethene	mg/L	0.0200	0.0208	104	64-156	
2-Butanone	mg/L	0.0200	0.0214	107	70-130	
Chloroform	mg/L	0.0200	0.0208	104	80-120	
Carbon tetrachloride	mg/L	0.0200	0.0197	98	79-141	
Benzene	mg/L	0.0200	0.0208	104	80-120	
1,2-Dichloroethane	mg/L	0.0200	0.0206	103	80-120	
Trichloroethene	mg/L	0.0200	0.0212	106	69-133	
Tetrachloroethene	mg/L	0.0200	0.0190	95	70-120	
Chlorobenzene	mg/L	0.0200	0.0200	100	80-120	
1,4-Dichlorobenzene	mg/L	0.0200	0.0198	99	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	29.5	98	70-133	
Toluene-d8 (S)	%	30.0	30.4	101	76-125	
4-Bromofluorobenzene (S)	%	30.0	28.8	96	72-123	
1,2-Dichlorobenzene-d4 (S)	%	30.0	29.8	99	71-123	

# **MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014725-MSD1**

Original: T10B015-07

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Vinyl chloride	mg/L	0	1.00	1.08	1.02	108	102	60-153	6	13	
1,1-Dichloroethene	mg/L	0	1.00	1.07	1.03	107	103	60-146	4	15	
2-Butanone	mg/L	0	1.00	0.984	1.01	98	101	60-140	2	23	
Chloroform	mg/L	0	1.00	1.03	1.00	103	100	68-124	3	13	
Carbon tetrachloride	mg/L	0	1.00	1.03	1.02	103	102	68-125	0.2	12	
Benzene	mg/L	0	1.00	1.06	1.06	106	106	78-114	0.1	11	
1,2-Dichloroethane	mg/L	0	1.00	1.04	1.01	104	101	63-132	3	11	
Trichloroethene	mg/L	0	1.00	1.06	1.04	106	104	70-117	3	14	
Tetrachloroethene	mg/L	0	1.00	1.02	0.959	102	96	57-126	6	12	
Chlorobenzene	mg/L	0	1.00	1.03	0.988	103	99	75-116	4	12	

# **CERTIFICATE OF ANALYSIS**

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014725-MSD1**

Original: T10B015-07

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
1,4-Dichlorobenzene	mg/L	0	1.00	0.986	0.990	99	99	69-118	0.5	18	
1,2-Dichloroethane-d4 (S)	%		30.0	28.6	28.4	95	95	70-133			
Toluene-d8 (S)	%		30.0	30.1	30.0	100	100	76-125			
4-Bromofluorobenzene (S)	%		30.0	28.5	28.7	95	96	72-123			
1,2-Dichlorobenzene-d4 (S)	%		30.0	29.8	29.8	99	99	71-123			

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014810

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and Wastes

Analysis Description: Volatiles, Full MDEQ+ List

Analysis Method: EPA 8260B

**METHOD BLANK: T014810-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	mg/kg wet	<0.050	0.050	
Chloromethane	mg/kg wet	<0.050	0.050	
Vinyl chloride	mg/kg wet	<0.040	0.040	
Bromomethane	mg/kg wet	<0.050	0.050	
Chloroethane	mg/kg wet	<0.050	0.050	
Trichlorofluoromethane	mg/kg wet	<0.050	0.050	
Diethyl ether	mg/kg wet	<0.20	0.20	
Tert-butyl alcohol	mg/kg wet	<2.5	2.5	
1,1-Dichloroethene	mg/kg wet	<0.050	0.050	
Acetone	mg/kg wet	<0.75	0.75	
Iodomethane	mg/kg wet	<0.050	0.050	
Carbon disulfide	mg/kg wet	<0.25	0.25	
Methyl-tert-butyl ether	mg/kg wet	<0.25	0.25	
Methylene chloride	mg/kg wet	<0.10	0.10	
Acrylonitrile	mg/kg wet	<0.10	0.10	
trans-1,2-Dichloroethene	mg/kg wet	<0.050	0.050	
1,1-Dichloroethane	mg/kg wet	<0.050	0.050	
Diisopropyl Ether	mg/kg wet	<0.25	0.25	
2-Butanone	mg/kg wet	<0.75	0.75	
cis-1,2-Dichloroethene	mg/kg wet	<0.050	0.050	
t-Butyl Ethyl Ether	mg/kg wet	<0.25	0.25	
Bromochloromethane	mg/kg wet	<0.050	0.050	
Tetrahydrofuran	mg/kg wet	<1.0	1.0	
Chloroform	mg/kg wet	<0.050	0.050	
1,1,1-Trichloroethane	mg/kg wet	<0.050	0.050	
Carbon tetrachloride	mg/kg wet	<0.050	0.050	
Benzene	mg/kg wet	<0.050	0.050	
t-Amyl Methyl Ether	mg/kg wet	<0.25	0.25	
1,2-Dichloroethane	mg/kg wet	<0.050	0.050	
Cyclohexane	mg/kg wet	<0.25	0.25	

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# METHOD BLANK: T014810-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Trichloroethene	mg/kg wet	<0.050	0.050	
1,2-Dichloropropane	mg/kg wet	<0.050	0.050	
Dibromomethane	mg/kg wet	<0.050	0.050	
Bromodichloromethane	mg/kg wet	<0.050	0.050	
cis-1,3-Dichloropropene	mg/kg wet	<0.050	0.050	
4-Methyl-2-pentanone	mg/kg wet	<2.5	2.5	
Toluene	mg/kg wet	<0.050	0.050	
trans-1,3-Dichloropropene	mg/kg wet	<0.050	0.050	
1,1,2-Trichloroethane	mg/kg wet	<0.050	0.050	
Tetrachloroethene	mg/kg wet	<0.050	0.050	
2-Hexanone	mg/kg wet	<2.5	2.5	
Dibromochloromethane	mg/kg wet	<0.050	0.050	
1,2-Dibromoethane (EDB)	mg/kg wet	<0.050	0.050	
Chlorobenzene	mg/kg wet	<0.050	0.050	
1,1,1,2-Tetrachloroethane	mg/kg wet	<0.050	0.050	
Ethylbenzene	mg/kg wet	<0.050	0.050	
m,p-Xylene	mg/kg wet	<0.10	0.10	
o-Xylene	mg/kg wet	<0.050	0.050	
Xylenes, total	mg/kg wet	<0.15	0.15	
Styrene	mg/kg wet	<0.050	0.050	
Bromoform	mg/kg wet	<0.050	0.050	
Isopropylbenzene	mg/kg wet	<0.050	0.050	
1,1,1,2,2-Tetrachloroethane	mg/kg wet	<0.050	0.050	
1,2,3-Trichloropropane	mg/kg wet	<0.050	0.050	
trans-1,4-Dichloro-2-butene	mg/kg wet	<0.050	0.050	
Bromobenzene	mg/kg wet	<0.050	0.050	
n-Propylbenzene	mg/kg wet	<0.050	0.050	
1,3,5-Trimethylbenzene	mg/kg wet	<0.050	0.050	
t-Butyl Benzene	mg/kg wet	<0.050	0.050	
1,2,4-Trimethylbenzene	mg/kg wet	<0.050	0.050	
sec-Butylbenzene	mg/kg wet	<0.050	0.050	
p-Isopropyltoluene	mg/kg wet	<0.050	0.050	
1,3-Dichlorobenzene	mg/kg wet	<0.050	0.050	
1,4-Dichlorobenzene	mg/kg wet	<0.050	0.050	
n-Butylbenzene	mg/kg wet	<0.050	0.050	
1,2,3-Trimethylbenzene	mg/kg wet	<0.050	0.050	
1,2-Dichlorobenzene	mg/kg wet	<0.050	0.050	
1,2-Dibromo-3-chloropropane	mg/kg wet	<0.10	0.10	
Hexachloroethane	mg/kg wet	<0.050	0.050	
1,2,4-Trichlorobenzene	mg/kg wet	<0.050	0.050	
Naphthalene	mg/kg wet	<0.25	0.25	
1,2,3-Trichlorobenzene	mg/kg wet	<0.050	0.050	
2-Methylnaphthalene	mg/kg wet	<0.25	0.25	
1,2-Dichloroethane-d4 (S)	%	102	70-133	
Toluene-d8 (S)	%	105	76-125	

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# **METHOD BLANK: T014810-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
4-Bromofluorobenzene (S)	%	97	71-123	
1,2-Dichlorobenzene-d4 (S)	%	90	72-123	

# **LABORATORY CONTROL SAMPLE: T014810-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	1.00	0.934	93	64-156	
Benzene	mg/kg wet	1.00	0.967	97	80-120	
Trichloroethene	mg/kg wet	1.00	0.969	97	69-133	
Toluene	mg/kg wet	1.00	0.920	92	80-120	
Chlorobenzene	mg/kg wet	1.00	0.905	91	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	45.8	102	70-133	
Toluene-d8 (S)	%	45.0	44.9	100	76-125	
4-Bromofluorobenzene (S)	%	45.0	44.7	99	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	42.8	95	72-123	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014812

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and Wastes

Analysis Method: EPA 8260B

# **METHOD BLANK: T014812-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	mg/kg wet	<0.050	0.050	
Chloromethane	mg/kg wet	<0.050	0.050	
Vinyl chloride	mg/kg wet	<0.040	0.040	
Bromomethane	mg/kg wet	<0.050	0.050	
Chloroethane	mg/kg wet	<0.050	0.050	
Trichlorofluoromethane	mg/kg wet	<0.050	0.050	
Diethyl ether	mg/kg wet	<0.20	0.20	
Tert-butyl alcohol	mg/kg wet	<2.5	2.5	
1,1-Dichloroethene	mg/kg wet	<0.050	0.050	
Acetone	mg/kg wet	<0.75	0.75	
Iodomethane	mg/kg wet	<0.050	0.050	
Carbon disulfide	mg/kg wet	<0.25	0.25	
Methyl-tert-butyl ether	mg/kg wet	<0.25	0.25	
Methylene chloride	mg/kg wet	<0.10	0.10	
Acrylonitrile	mg/kg wet	<0.10	0.10	
trans-1,2-Dichloroethene	mg/kg wet	<0.050	0.050	
1,1-Dichloroethane	mg/kg wet	<0.050	0.050	
Diisopropyl Ether	mg/kg wet	<0.25	0.25	

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**METHOD BLANK: T014812-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
2-Butanone	mg/kg wet	<0.75	0.75	
cis-1,2-Dichloroethene	mg/kg wet	<0.050	0.050	
t-Butyl Ethyl Ether	mg/kg wet	<0.25	0.25	
Bromochloromethane	mg/kg wet	<0.050	0.050	
Tetrahydrofuran	mg/kg wet	<1.0	1.0	
Chloroform	mg/kg wet	<0.050	0.050	
1,1,1-Trichloroethane	mg/kg wet	<0.050	0.050	
Carbon tetrachloride	mg/kg wet	<0.050	0.050	
Benzene	mg/kg wet	<0.050	0.050	
t-Amyl Methyl Ether	mg/kg wet	<0.25	0.25	
1,2-Dichloroethane	mg/kg wet	<0.050	0.050	
Cyclohexane	mg/kg wet	<0.25	0.25	
Trichloroethene	mg/kg wet	<0.050	0.050	
1,2-Dichloropropane	mg/kg wet	<0.050	0.050	
Dibromomethane	mg/kg wet	<0.050	0.050	
Bromodichloromethane	mg/kg wet	<0.050	0.050	
cis-1,3-Dichloropropene	mg/kg wet	<0.050	0.050	
4-Methyl-2-pentanone	mg/kg wet	<2.5	2.5	
Toluene	mg/kg wet	<0.050	0.050	
trans-1,3-Dichloropropene	mg/kg wet	<0.050	0.050	
1,1,2-Trichloroethane	mg/kg wet	<0.050	0.050	
Tetrachloroethene	mg/kg wet	<0.050	0.050	
2-Hexanone	mg/kg wet	<2.5	2.5	
Dibromochloromethane	mg/kg wet	<0.050	0.050	
1,2-Dibromoethane (EDB)	mg/kg wet	<0.050	0.050	
Chlorobenzene	mg/kg wet	<0.050	0.050	
1,1,1,2-Tetrachloroethane	mg/kg wet	<0.050	0.050	
Ethylbenzene	mg/kg wet	<0.050	0.050	
m,p-Xylene	mg/kg wet	<0.10	0.10	
o-Xylene	mg/kg wet	<0.050	0.050	
Xylenes, total	mg/kg wet	<0.15	0.15	
Styrene	mg/kg wet	<0.050	0.050	
Bromoform	mg/kg wet	<0.050	0.050	
Isopropylbenzene	mg/kg wet	<0.050	0.050	
1,1,2,2-Tetrachloroethane	mg/kg wet	<0.050	0.050	
1,2,3-Trichloropropane	mg/kg wet	<0.050	0.050	
trans-1,4-Dichloro-2-butene	mg/kg wet	<0.050	0.050	
Bromobenzene	mg/kg wet	<0.050	0.050	
n-Propylbenzene	mg/kg wet	<0.050	0.050	
1,3,5-Trimethylbenzene	mg/kg wet	<0.050	0.050	
t-Butyl Benzene	mg/kg wet	<0.050	0.050	
1,2,4-Trimethylbenzene	mg/kg wet	<0.050	0.050	
sec-Butylbenzene	mg/kg wet	<0.050	0.050	
p-Isopropyltoluene	mg/kg wet	<0.050	0.050	
1,3-Dichlorobenzene	mg/kg wet	<0.050	0.050	

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# **METHOD BLANK: T014812-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
1,4-Dichlorobenzene	mg/kg wet	<0.050	0.050	
n-Butylbenzene	mg/kg wet	<0.050	0.050	
1,2,3-Trimethylbenzene	mg/kg wet	<0.050	0.050	
1,2-Dichlorobenzene	mg/kg wet	<0.050	0.050	
1,2-Dibromo-3-chloropropane	mg/kg wet	<0.10	0.10	
Hexachloroethane	mg/kg wet	<0.050	0.050	
1,2,4-Trichlorobenzene	mg/kg wet	<0.050	0.050	
Naphthalene	mg/kg wet	<0.25	0.25	
1,2,3-Trichlorobenzene	mg/kg wet	<0.050	0.050	
2-Methylnaphthalene	mg/kg wet	<0.25	0.25	
1,2-Dichloroethane-d4 (S)	%	114	70-133	
Toluene-d8 (S)	%	99	76-125	
4-Bromofluorobenzene (S)	%	88	71-123	
1,2-Dichlorobenzene-d4 (S)	%	101	72-123	

# **LABORATORY CONTROL SAMPLE: T014812-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	mg/kg wet	1.00	0.734	73	64-156	
Benzene	mg/kg wet	1.00	0.947	95	80-120	
Trichloroethene	mg/kg wet	1.00	0.918	92	69-133	
Toluene	mg/kg wet	1.00	0.807	81	80-120	
Chlorobenzene	mg/kg wet	1.00	0.920	92	80-120	
1,2-Dichloroethane-d4 (S)	%	26.0	30.2	116	70-133	
Toluene-d8 (S)	%	26.0	26.1	100	76-125	
4-Bromofluorobenzene (S)	%	26.0	23.0	88	71-123	
1,2-Dichlorobenzene-d4 (S)	%	26.0	26.1	100	72-123	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014662

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014685

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

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QC Batch: T014781

QC Batch Method: EPA 1010

Analysis Description: Flash Point (Ignitability)

Analysis Method: EPA 1010

**LABORATORY CONTROL SAMPLE: T014781-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014856

QC Batch Method: EPA 9012B

Analysis Description: Cyanide, Total

Analysis Method: EPA 9012B

**METHOD BLANK: T014856-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide (total)	mg/kg wet	<0.12	0.12	

**LABORATORY CONTROL SAMPLE: T014856-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide (total)	mg/kg wet	4.00	3.58	89	81-111	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014724

QC Batch Method: EPA 9023

Analysis Description: Halides, Total

Analysis Method: EPA 9023

**METHOD BLANK: T014724-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Extractable Organic Halides	mg/kg wet	<50	50	

**LABORATORY CONTROL SAMPLE: T014724-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Extractable Organic Halides	mg/kg wet	500	399	80	70-124	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014668

QC Batch Method: EPA 9045C

Analysis Description: Corrosivity (pH for waste), 9040/9045

Analysis Method: EPA 9045C

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**SAMPLE DUPLICATE: T014668-DUP2** Original: T10B015-03

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Corrosivity-pH	pH Units	7.11	7.19	1	200	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014723

QC Batch Method: EPA Chapter 7.3

Analysis Description: Reactivity - Sulfide

Analysis Method: EPA Chapter 7.3

**METHOD BLANK: T014723-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Sulfide, Reactive	mg/kg wet	<5.0	5.0	

**LABORATORY CONTROL SAMPLE: T014723-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	5.00	<5.0	82	74-126	

Trace Project ID: T10B015

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014707

QC Batch Method: EPA Chapter 7.3 Reactivity

Analysis Description: Reactivity - Cyanide

Analysis Method: EPA Chapter 7.3 Reactivity

**METHOD BLANK: T014707-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide, Reactive	mg/L	<0.50	0.50	

**LABORATORY CONTROL SAMPLE: T014707-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/L	0.200	<0.50	96	79-121	

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**Report Results To:**

Client Name: <b>RMT INC.</b>			
Contact Person: <b>JENNIFER OVERVOORDE</b>			
Mailing Address: <b>2025 E. BELTLINE AVE. SE SUITE 402</b>			
City, State, Zip Code: <b>GRAND RAPIDS, MI 49546</b>			
Phone: <b>616-975-5415</b>		Fax: <b>616-975-1098</b>	
Email Address: <b>JENNIFER.OVERVOORDE@RMTINC.COM</b>			
Project #: <b>6527.40</b>		PO #:	Trace Quote #:
Project Name: <b>LEC MURKHSI REMEDIATION</b>		Sampled by: <b>SP</b>	

**Bill To:**

Billing Address (if different) \_\_\_\_\_  
City, State, Zip Code MADISON WI  
Attn: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

## Request for Analytical Services

[illegible]

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Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	Scott Kowalik	FEDEx	2/1/10	1730	3)				
2)	FRD-ET	ASm...	2/1/10	10:24	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

TRACE USE ONLY

Logged By: *[Signature]*

Checked By:

# h1

Received on file: ☒ Yes ☐ No

Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

### Regulatory Requirements

NERA TMDLs	<input type="checkbox"/>
Drinking Water	<input type="checkbox"/>
NPDES	<input type="checkbox"/>
USACE	<input type="checkbox"/>
Special	<input type="checkbox"/>

### Turnaround Requirements

Standard (2 wk) ☒

\* 5 Day ☐

\* 2-4 Day (RUSH) ☐

\* 24 Hour (RUSH) ☐

\* Requires prior approval

### Matrix Key

S = Soil  
W = Water  
SE = Sediment  
OI = Oil  
SQ = Solid Waste  
WI = Wipes  
LW = Liquid Waste  
A = Air  
D = Drinking Water  
SL = Sludge

## ANALYSIS REQUESTED

### Possible Health Hazard

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### SAMPLE LOG IN CHECKLIST

Date: <u>2-2-10</u>		Client Name: <u>BMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B014</u> <u>T10B015</u>		Project Name: <u>J. Smith</u>		Cooler #s: _____	
Logged in by: <u>J. Smith</u>				Cooler #s: _____	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>			<b>Cooler Temperature</b>		
			Correction Factor <u>+0.2</u> °C		
			Date: <u>2-2-10</u> Time: <u>10:22</u>		
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input type="checkbox"/> No			Temperature Blank: _____ °C		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Range of 3 samples: <u>12</u> °C		
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No			Melt Water: _____ °C		
No Coolant Present: <input type="checkbox"/>			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>General</b>					
			Yes No NA		
COC taped to inside of cooler lid?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottles arrived unbroken with labels in good condition?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Each sample point is in a sealed plastic bag?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Labels filled out completely?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottle labels agree with Chain of Custody (COC)?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Sufficient sample to run tests requested?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
pH checked and samples at correct pH?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
Correct preservative added to samples?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
DRO/GRO samples received and appropriate check in form completed?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Air bubbles absent from VOAs?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
COC filled out properly and signed by client?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
COC signed in by TRACE sample custodian?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Was project manager called and samples discussed?			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Contact: _____			Date: _____		
<b>Notes:</b>					

Rev 8 11/21/06

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February 16, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B029  
Client Project LEC MW19HS1 Remediation / 6527.40

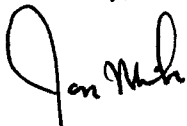
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



## SAMPLE SUMMARY

Trace Project ID: T10B029  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B029-01	W19HS1-10-10	Soil	sp	02/02/10 11:00	02/03/10 10:42
T10B029-02	W19HS1-10-11 Composite	Soil	sp	02/02/10 14:45	02/03/10 10:42
T10B029-03	W19HS1-10-11 Grab	Soil	sp	02/02/10 14:45	02/03/10 10:42
T10B029-04	W19HS1-10-12	Soil	sp	02/02/10 15:00	02/03/10 10:42
T10B029-05	Trip Blank	Water	sp	01/11/10	02/03/10 10:42

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

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Trace ID: T10B029-02

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#### **Analysis: EPA 8082**

<b>Decachlorobiphenyl</b>	Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.
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#### **Analysis: EPA 8270C**

<b>Phenol-d5</b>	Note 801 : One of the acid surrogate recoveries was outside the control limits. Since the other two acid surrogates were within the control limits, no data require qualification.
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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B029-01	Date Collected:	02/02/10 11:00	Matrix:	Soil		
Sample ID:	W19HS1-10-10	Date Received:	02/03/10 10:42				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	4.8 mg/kg dry	4.0	50	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	113 %	80-130	50	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014685

% Solids	87 % by Wt.	0.10	1	02/03/10	sm	02/04/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	210 mg/kg dry	56	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-02	Date Collected: 02/02/10 14:45	Matrix: Soil
Sample ID: W19HS1-10-11 Composite	Date Received: 02/03/10 10:42	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014709

Bis(2-chloroethyl)ether	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
2-Chlorophenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Phenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
1,3-Dichlorobenzene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
1,4-Dichlorobenzene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
1,2-Dichlorobenzene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Benzyl alcohol	<4.0 mg/kg dry	4.0	5	02/04/10	kb	02/05/10	avl
Bis(2-chloroisopropyl)ether	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2-Methylphenol (o-Cresol)	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
3,4-Methylphenol (m,p Cresol)	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
N-Nitrosodi-n-propylamine	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Hexachloroethane	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Nitrobenzene	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
Isophorone	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2-Nitrophenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2,4-Dimethylphenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Bis(2-chloroethoxy)methane	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Benzoic acid	<7.2 mg/kg dry	7.2	5	02/04/10	kb	02/05/10	avl
1,2,4-Trichlorobenzene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2,4-Dichlorophenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Naphthalene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
4-Chloroaniline	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Hexachlorobutadiene	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
4-Chloro-3-methylphenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2-Methylnaphthalene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Hexachlorocyclopentadiene	<1.0 mg/kg dry	1.0	5	02/04/10	kb	02/05/10	avl
2,4,6-Trichlorophenol	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
2,4,5-Trichlorophenol	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2-Chloronaphthalene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2-Nitroaniline	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Dimethyl phthalate	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Acenaphthylene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2,6-Dinitrotoluene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
3-Nitroaniline	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Acenaphthene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-02	Date Collected: 02/02/10 14:45	Matrix: Soil
Sample ID: W19HS1-10-11 Composite	Date Received: 02/03/10 10:42	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Dibenzofuran	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
2,4-Dinitrotoluene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
4-Nitrophenol	<4.0 mg/kg dry	4.0	5	02/04/10	kb	02/05/10	avl
2,4-Dinitrophenol	<4.0 mg/kg dry	4.0	5	02/04/10	kb	02/05/10	avl
Diethyl phthalate	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Fluorene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
4-Chlorophenyl phenyl ether	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
4-Nitroaniline	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
4,6-Dinitro-2-methylphenol	<1.0 mg/kg dry	1.0	5	02/04/10	kb	02/05/10	avl
N-Nitrosodiphenylamine	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
4-Bromophenyl phenyl ether	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Hexachlorobenzene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Pentachlorophenol	<2.2 mg/kg dry	2.2	5	02/04/10	kb	02/05/10	avl
<b>Phenanthrene</b>	<b>0.53 mg/kg dry</b>	<b>0.20</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
Anthracene	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Carbazole	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
Di-n-butyl phthalate	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
<b>Fluoranthene</b>	<b>0.53 mg/kg dry</b>	<b>0.20</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
<b>Pyrene</b>	<b>0.59 mg/kg dry</b>	<b>0.50</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
Butyl benzyl phthalate	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
<b>Benzo (a) anthracene</b>	<b>0.28 mg/kg dry</b>	<b>0.20</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
<b>Chrysene</b>	<b>0.29 mg/kg dry</b>	<b>0.20</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
3,3'-Dichlorobenzidine	<4.0 mg/kg dry	4.0	5	02/04/10	kb	02/05/10	avl N
<b>Bis(2-ethylhexyl)phthalate</b>	<b>14 mg/kg dry</b>	<b>0.50</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
Di-n-octyl phthalate	<0.50 mg/kg dry	0.50	5	02/04/10	kb	02/05/10	avl
<b>Benzo (b) fluoranthene</b>	<b>0.26 mg/kg dry</b>	<b>0.20</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
Benzo (k) fluoranthene	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
<b>Benzo (a) pyrene</b>	<b>0.22 mg/kg dry</b>	<b>0.20</b>	<b>5</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/05/10</b>	<b>avl</b>
Indeno (1,2,3-cd) pyrene	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
Dibenz (a,h) anthracene	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
Benzo (g,h,i) perylene	<0.20 mg/kg dry	0.20	5	02/04/10	kb	02/05/10	avl
<b>Surrogates:</b>							
2-Fluorophenol	38 %	38-81	5	02/04/10	kb	02/05/10	avl
Phenol-d5	* 28 %	32-102	5	02/04/10	kb	02/05/10	avl 801
Nitrobenzene-d5	39 %	36-98	5	02/04/10	kb	02/05/10	avl
2-Fluorobiphenyl	44 %	44-105	5	02/04/10	kb	02/05/10	avl
2,4,6-Tribromophenol	38 %	38-101	5	02/04/10	kb	02/05/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-02	Date Collected: 02/02/10 14:45	Matrix: Soil
Sample ID: W19HS1-10-11 Composite	Date Received: 02/03/10 10:42	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Terphenyl-d14	49 %	46-109	5	02/04/10	kb	02/05/10	avl
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014741

Pyridine	<0.40 mg/L	0.40	2	02/05/10	kb	02/08/10	avl	5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	200
Hexachloroethane	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/05/10	kb	02/08/10	avl	2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/05/10	kb	02/08/10	avl	2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/05/10	kb	02/08/10	avl	0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/05/10	kb	02/08/10	avl	100

#### Surrogates:

2-Fluorophenol	42 %	20-53	2	02/05/10	kb	02/08/10	avl
Phenol-d5	26 %	11-40	2	02/05/10	kb	02/08/10	avl
Nitrobenzene-d5	66 %	36-103	2	02/05/10	kb	02/08/10	avl
2-Fluorobiphenyl	65 %	36-119	2	02/05/10	kb	02/08/10	avl
2,4,6-Tribromophenol	72 %	30-105	2	02/05/10	kb	02/08/10	avl
Terphenyl-d14	77 %	37-109	2	02/05/10	kb	02/08/10	avl

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014728

Aroclor-1016	<0.079 mg/kg dry	0.079	1	02/04/10	kb	02/08/10	tim
Aroclor-1221	<0.079 mg/kg dry	0.079	1	02/04/10	kb	02/08/10	tim
Aroclor-1232	<0.079 mg/kg dry	0.079	1	02/04/10	kb	02/08/10	tim
Aroclor-1242	<0.079 mg/kg dry	0.079	1	02/04/10	kb	02/08/10	tim
Aroclor-1248	<0.079 mg/kg dry	0.079	1	02/04/10	kb	02/08/10	tim
<b>Aroclor-1254</b>	<b>2.8 mg/kg dry</b>	<b>0.79</b>	<b>10</b>	<b>02/04/10</b>	<b>kb</b>	<b>02/08/10</b>	<b>tim</b>
Aroclor-1260	<0.079 mg/kg dry	0.079	1	02/04/10	kb	02/08/10	tim

#### Surrogates:

Tetrachloro-m-xylene	46 %	40-113	1	02/04/10	kb	02/08/10	tim	N
Decachlorobiphenyl	* 31 %	32-111	1	02/04/10	kb	02/08/10	tim	304, N

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B029-02	Date Collected:	02/02/10 14:45	Matrix:	Soil		
Sample ID:	W19HS1-10-11 Composite	Date Received:	02/03/10 10:42				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### PESTICIDES/PCBS

#### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014749

Chlordane	<0.00050 mg/L	0.00050	1	02/05/10	kb	02/08/10	tim	0.030
Endrin	<0.00010 mg/L	0.00010	1	02/05/10	kb	02/08/10	tim	0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/05/10	kb	02/08/10	tim	0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/05/10	kb	02/08/10	tim	0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/05/10	kb	02/08/10	tim	0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/05/10	kb	02/08/10	tim	10
Toxaphene	<0.0050 mg/L	0.0050	1	02/05/10	kb	02/08/10	tim	0.50

#### Surrogates:

Tetrachloro-m-xylene	71 %	38-94	1	02/05/10	kb	02/08/10	tim	N
Decachlorobiphenyl	72 %	40-93	1	02/05/10	kb	02/08/10	tim	N

### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014742

2,4-D	<0.050 mg/L	0.050	1	02/05/10	kb	02/09/10	tim	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/05/10	kb	02/09/10	tim	N	1.0

#### Surrogates:

2,4-Dichlorophenylacetic acid	95 %	39-125	1	02/05/10	kb	02/09/10	tim	N
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### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014764

Barium	120 mg/kg dry	0.97	1	02/08/10	jd	02/09/10	jl
Cadmium	6.9 mg/kg dry	0.19	1	02/08/10	jd	02/09/10	jl
Chromium	17 mg/kg dry	0.97	1	02/08/10	jd	02/09/10	jl
Copper	58 mg/kg dry	0.97	1	02/08/10	jd	02/09/10	jl
Lead	76 mg/kg dry	0.97	1	02/08/10	jd	02/09/10	jl
Nickel	14 mg/kg dry	0.97	1	02/08/10	jd	02/10/10	jl
Vanadium	40 mg/kg dry	0.97	1	02/08/10	jm	02/15/10	jl
Zinc	110 mg/kg dry	0.97	1	02/08/10	jd	02/10/10	jl

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-02	Date Collected: 02/02/10 14:45	Matrix: Soil
Sample ID: W19HS1-10-11 Composite	Date Received: 02/03/10 10:42	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014764

Arsenic	10 mg/kg dry	0.097	10	02/08/10	jd	02/08/10	jn
Selenium	1.3 mg/kg dry	0.19	10	02/08/10	jd	02/08/10	jn
Silver	0.13 mg/kg dry	0.097	10	02/09/10	jd	02/10/10	jn

Analysis Method: EPA 7471A

Batch: T014764

Mercury	0.21 mg/kg dry	0.029	1	02/08/10	jd	02/10/10	jd
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### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014705

Arsenic	<0.30 mg/L	0.30	1	02/04/10	jd	02/08/10	jlm	5.0
Barium	<1.0 mg/L	1.0	1	02/04/10	jd	02/08/10	jlm	100
Cadmium	<0.10 mg/L	0.10	1	02/04/10	jd	02/08/10	jlm	1.0
Chromium	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jlm	5.0
Copper	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jlm	
Lead	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jlm	5.0
Nickel	<0.50 mg/L	0.50	1	02/04/10	jd	02/08/10	jlm	
Selenium	<0.60 mg/L	0.60	1	02/04/10	jd	02/08/10	jlm	1.0
Silver	<0.10 mg/L	0.10	1	02/04/10	jd	02/08/10	jlm	5.0
Zinc	3.3 mg/L	0.50	1	02/04/10	jd	02/08/10	jlm	

Analysis Method: EPA 7470A

Batch: T014737

Mercury	<0.010 mg/L	0.010	1	02/05/10	jd	02/05/10	jlm	0.20
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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-02

Date Collected: 02/02/10 14:45

Matrix: Soil

Sample ID: W19HS1-10-11 Composite

Date Received: 02/03/10 10:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014685

% Solids	83 % by Wt.	0.10	1	02/03/10	sm	02/04/10	sm	N
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Analysis Method: EPA 1010

Batch: T014781

Flashpoint	> 200 °F	1.0	1	02/08/10	sm	02/09/10	sm	
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Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	0.14 mg/kg dry	0.11	1	02/12/10	sm	02/12/10	sm	N
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Analysis Method: EPA 9045C

Batch: T014696

Corrosivity-pH	8.12 pH Units		1	02/03/10	sm	02/03/10	sm	N
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Analysis Method: EPA Chapter 7.3

Batch: T014723

Sulfide, Reactive	<5.9 mg/kg dry	5.9	1	02/04/10	bd	02/04/10	bd	N
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Analysis Method: EPA Chapter 7.3 Reactivity

Batch: T014707

Cyanide, Reactive	<0.50 mg/L	0.50	1	02/04/10	sm	02/04/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-03	Date Collected: 02/02/10 14:45	Matrix: Soil
Sample ID: W19HS1-10-11 Grab	Date Received: 02/03/10 10:42	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014757

Chloromethane	<250 ug/kg dry	250	50	02/05/10	jp	02/05/10	jp	
Vinyl chloride	<40 ug/kg dry	40	50	02/05/10	jp	02/05/10	jp	N
Bromomethane	<200 ug/kg dry	200	50	02/05/10	jp	02/05/10	jp	
Chloroethane	<250 ug/kg dry	250	50	02/05/10	jp	02/05/10	jp	
1,1-Dichloroethene	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
Acetone	<1000 ug/kg dry	1000	50	02/05/10	jp	02/05/10	jp	
Carbon disulfide	<250 ug/kg dry	250	50	02/05/10	jp	02/05/10	jp	
Methylene chloride	<250 ug/kg dry	250	50	02/05/10	jp	02/05/10	jp	
1,1-Dichloroethane	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
2-Butanone	<750 ug/kg dry	750	50	02/05/10	jp	02/05/10	jp	
1,2-Dichloroethene (total)	<100 ug/kg dry	100	50	02/05/10	jp	02/05/10	jp	N
Chloroform	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
1,1,1-Trichloroethane	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
Carbon tetrachloride	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
Benzene	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
1,2-Dichloroethane	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
<b>Trichloroethene</b>	<b>55 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	
1,2-Dichloropropane	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
Bromodichloromethane	<100 ug/kg dry	100	50	02/05/10	jp	02/05/10	jp	
cis-1,3-Dichloropropene	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
4-Methyl-2-pentanone	<2500 ug/kg dry	2500	50	02/05/10	jp	02/05/10	jp	
<b>Toluene</b>	<b>32000 ug/kg dry</b>	<b>480</b>	<b>1000</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	
trans-1,3-Dichloropropene	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
1,1,2-Trichloroethane	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
<b>Tetrachloroethene</b>	<b>130 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	
2-Hexanone	<2500 ug/kg dry	2500	50	02/05/10	jp	02/05/10	jp	
Dibromochloromethane	<100 ug/kg dry	100	50	02/05/10	jp	02/05/10	jp	
Chlorobenzene	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
<b>Ethylbenzene</b>	<b>920 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	
<b>m,p-Xylene</b>	<b>4100 ug/kg dry</b>	<b>100</b>	<b>50</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	N
<b>o-Xylene</b>	<b>1200 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	N
<b>Xylenes, total</b>	<b>5400 ug/kg dry</b>	<b>150</b>	<b>50</b>	<b>02/05/10</b>	<b>jp</b>	<b>02/05/10</b>	<b>jp</b>	
Styrene	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	
Bromoform	<100 ug/kg dry	100	50	02/05/10	jp	02/05/10	jp	
1,1,2,2-Tetrachloroethane	<50 ug/kg dry	50	50	02/05/10	jp	02/05/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B029-03	Date Collected:	02/02/10 14:45	Matrix:	Soil		
Sample ID:	W19HS1-10-11 Grab	Date Received:	02/03/10 10:42				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	94 %	70-133	50	02/05/10	jp	02/05/10	jp
1,2-Dichloroethane-d4	95 %	70-133	1000	02/05/10	jp	02/05/10	jp
Toluene-d8	106 %	76-125	50	02/05/10	jp	02/05/10	jp
Toluene-d8	104 %	76-125	1000	02/05/10	jp	02/05/10	jp
4-Bromofluorobenzene	103 %	71-123	50	02/05/10	jp	02/05/10	jp
4-Bromofluorobenzene	104 %	71-123	1000	02/05/10	jp	02/05/10	jp
1,2-Dichlorobenzene-d4	92 %	72-123	50	02/05/10	jp	02/05/10	jp
1,2-Dichlorobenzene-d4	93 %	72-123	1000	02/05/10	jp	02/05/10	jp

### VOLATILE ORGANIC COMPOUNDS, TCLP

#### Analysis Method: EPA 8260B

#### Batch: T014758

Vinyl chloride	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.70
2-Butanone	<0.25 mg/L	0.25	50	02/05/10	jp	02/05/10	jp	200
Chloroform	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.50
Benzene	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/05/10	jp	02/05/10	jp	7.5

#### Surrogates:

1,2-Dichloroethane-d4	94 %	70-133	50	02/05/10	jp	02/05/10	jp
Toluene-d8	103 %	76-125	50	02/05/10	jp	02/05/10	jp
4-Bromofluorobenzene	103 %	72-123	50	02/05/10	jp	02/05/10	jp
1,2-Dichlorobenzene-d4	93 %	71-123	50	02/05/10	jp	02/05/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B029-03	Date Collected:	02/02/10 14:45	Matrix:	Soil		
Sample ID:	W19HS1-10-11 Grab	Date Received:	02/03/10 10:42				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014685

% Solids	82 % by Wt.	0.10	1	02/03/10	sm	02/04/10	sm	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B029-04	Date Collected:	02/02/10 15:00	Matrix:	Soil		
Sample ID:	W19HS1-10-12	Date Received:	02/03/10 10:42				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	101 %	80-130	50	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014685

% Solids	93 % by Wt.	0.10	1	02/03/10	sm	02/04/10	sm	N
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Analysis Method: EPA 9023

Batch: T014724

Extractable Organic Halides	<51 mg/kg dry	51	1	02/04/10	rbp	02/05/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-05	Date Collected: 01/11/10	Matrix: Water
Sample ID: Trip Blank	Date Received: 02/03/10 10:42	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014759

Dichlorodifluoromethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Chloromethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Vinyl chloride	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Bromomethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Chloroethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Trichlorofluoromethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Diethyl ether	<10 ug/L	10	1	02/05/10	jp	02/05/10	jp	N
Tert-butyl alcohol	<50 ug/L	50	1	02/05/10	jp	02/05/10	jp	N
1,1-Dichloroethene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Acetone	<50 ug/L	50	1	02/05/10	jp	02/05/10	jp	
Iodomethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	N
Carbon disulfide	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Methylene chloride	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Acrylonitrile	<2.0 ug/L	2.0	1	02/05/10	jp	02/05/10	jp	
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
1,1-Dichloroethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Diisopropyl Ether	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	N
2-Butanone	<25 ug/L	25	1	02/05/10	jp	02/05/10	jp	
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	N
Bromochloromethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Tetrahydrofuran	<90 ug/L	90	1	02/05/10	jp	02/05/10	jp	N
Chloroform	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Carbon tetrachloride	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Benzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	N
1,2-Dichloroethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Cyclohexane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	N
Trichloroethene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
1,2-Dichloropropane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
Dibromomethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	
Bromodichloromethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp	

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-05 Date Collected: 01/11/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/03/10 10:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>							
4-Methyl-2-pentanone	<50 ug/L	50	1	02/05/10	jp	02/05/10	jp
Toluene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Tetrachloroethene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
2-Hexanone	<50 ug/L	50	1	02/05/10	jp	02/05/10	jp
Dibromochloromethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Chlorobenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Ethylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
m,p-Xylene	<2.0 ug/L	2.0	1	02/05/10	jp	02/05/10	jp N
o-Xylene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp N
Xylenes, total	<3.0 ug/L	3.0	1	02/05/10	jp	02/05/10	jp N
Styrene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Bromoform	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Isopropylbenzene	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Bromobenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
n-Propylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
t-Butyl Benzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
sec-Butylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
p-Isopropyltoluene	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
n-Butylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp N
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
1,2-Dibromo-3-chloropropane	<1.0 ug/L	1.0	1	02/05/10	jp	02/05/10	jp
Hexachloroethane	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp N
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp
Naphthalene	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp N
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp

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## ANALYTICAL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B029-05 Date Collected: 01/11/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/03/10 10:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

2-Methylnaphthalene	<5.0 ug/L	5.0	1	02/05/10	jp	02/05/10	jp	N
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#### Surrogates:

1,2-Dichloroethane-d4	94 %	70-133	1	02/05/10	jp	02/05/10	jp	
Toluene-d8	105 %	76-125	1	02/05/10	jp	02/05/10	jp	
4-Bromofluorobenzene	105 %	71-123	1	02/05/10	jp	02/05/10	jp	
1,2-Dichlorobenzene-d4	94 %	72-123	1	02/05/10	jp	02/05/10	jp	

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## QUALITY CONTROL RESULTS

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014739

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, SVOC

Analysis Method: EPA 1311

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014705

QC Batch Method: EPA 3015 Microwave Assisted  
Digestions for Liquids

Analysis Description: Lead, TCLP

Analysis Method: EPA 6010B

### METHOD BLANK: T014705-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

### METHOD BLANK: T014705-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

### METHOD BLANK: T014705-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
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#### METHOD BLANK: T014705-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014705-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	95	80-120	
Arsenic	mg/L	0.0556	<0.30	99	80-120	
Barium	mg/L	0.889	<1.0	101	80-120	
Cadmium	mg/L	0.0278	<0.10	98	80-120	
Chromium	mg/L	0.0278	<0.50	101	80-120	
Copper	mg/L	0.889	0.880	99	80-120	
Nickel	mg/L	0.889	0.871	98	80-120	
Lead	mg/L	0.0556	<0.50	102	80-120	
Selenium	mg/L	0.0556	<0.60	94	80-120	
Zinc	mg/L	0.889	0.895	101	80-120	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014764

QC Batch Method: EPA 3051 Microwave Assisted  
Digestions for Solids

Analysis Description: Copper, Total

Analysis Method: EPA 6010B

#### METHOD BLANK: T014764-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Cadmium	mg/kg dry	<0.20	0.20	
Chromium	mg/kg dry	<2.0	2.0	
Copper	mg/kg dry	<1.0	1.0	
Nickel	mg/kg dry	<1.0	1.0	
Lead	mg/kg dry	<1.0	1.0	

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#### METHOD BLANK: T014764-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vanadium	mg/kg dry	<1.0	1.0	
Zinc	mg/kg dry	<1.0	1.0	

#### LABORATORY CONTROL SAMPLE: T014764-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	37.4	93	80-120	
Cadmium	mg/kg dry	40.0	37.8	94	80-120	
Chromium	mg/kg dry	40.0	37.5	94	80-120	
Copper	mg/kg dry	40.0	37.2	93	80-120	
Nickel	mg/kg dry	40.0	37.6	94	80-120	
Lead	mg/kg dry	40.0	37.9	95	80-120	
Vanadium	mg/kg dry	40.0	38.9	97	80-120	
Zinc	mg/kg dry	40.0	38.7	97	80-120	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014764

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Selenium, Total

Analysis Method: EPA 6020

#### METHOD BLANK: T014764-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.10	0.10	
Selenium	mg/kg dry	<0.20	0.20	

#### LABORATORY CONTROL SAMPLE: T014764-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.15	83	80-120	
Selenium	mg/kg dry	5.00	4.23	85	80-120	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014785

QC Batch Method: EPA 3051 Microwave Assisted Digestion with HCl

Analysis Description: Silver, Total

Analysis Method: EPA 6020

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#### METHOD BLANK: T014785-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

#### LABORATORY CONTROL SAMPLE: T014785-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	5.46	109	80-120	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014737

QC Batch Method: EPA 7470A Prep

Analysis Description: Mercury, TCLP

Analysis Method: EPA 7470A

#### METHOD BLANK: T014737-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### METHOD BLANK: T014737-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### METHOD BLANK: T014737-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### LABORATORY CONTROL SAMPLE: T014737-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	104	80-120	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014764

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Description: Mercury, Total, EPA 7470/7471

Analysis Method: EPA 7471A

#### METHOD BLANK: T014764-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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#### METHOD BLANK: T014764-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

#### LABORATORY CONTROL SAMPLE: T014764-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.200	0.174	87	77-122	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014700

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, Metals

Analysis Method: EPA 1311

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014740

QC Batch Method: Leaching procedures

Analysis Description: TCLP ZHE, Volatiles

Analysis Method: EPA 1311

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014749

QC Batch Method: EPA 3510C Separatory Funnel  
Liquid-Liquid Extr.

Analysis Description: TCLP Pesticides

Analysis Method: EPA 8081A

#### METHOD BLANK: T014749-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.000050	0.000050	
Endrin	mg/L	<0.000010	0.000010	
gamma-BHC (Lindane)	mg/L	<0.000010	0.000010	
Heptachlor	mg/L	<0.000010	0.000010	
Heptachlor epoxide	mg/L	<0.000010	0.000010	
Methoxychlor	mg/L	<0.000010	0.000010	
Toxaphene	mg/L	<0.000050	0.000050	
Tetrachloro-m-xylene (S)	%	58	38-94	
Decachlorobiphenyl (S)	%	58	40-93	

#### LABORATORY CONTROL SAMPLE: T014749-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Endrin	mg/L	0.0000500	0.0000333	67	31-145	

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#### LABORATORY CONTROL SAMPLE: T014749-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
gamma-BHC (Lindane)	mg/L	0.0000500	0.0000303	61	38-125	
Heptachlor	mg/L	0.0000500	0.0000328	66	34-124	
Heptachlor epoxidemg	/L	0.0000500	0.0000355	71	35-125	
Methoxychlor	mg/L	0.0000500	0.0000313	63	54-109	
Tetrachloro-m-xylene (S)	%	0.000100	0.0000549	55	38-94	
Decachlorobiphenyl (S)	%	0.000100	0.0000551	55	40-93	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014728

QC Batch Method: EPA 3540C Soxhlet Extraction

Analysis Description: PCBs

Analysis Method: EPA 8082

#### METHOD BLANK: T014728-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.33	0.33	
Aroclor-1221	mg/kg wet	<0.33	0.33	
Aroclor-1232	mg/kg wet	<0.33	0.33	
Aroclor-1242	mg/kg wet	<0.33	0.33	
Aroclor-1248	mg/kg wet	<0.33	0.33	
Aroclor-1254	mg/kg wet	<0.33	0.33	
Aroclor-1260	mg/kg wet	<0.33	0.33	
Tetrachloro-m-xylene (S)	%	71	40-113	
Decachlorobiphenyl (S)	%	69	32-111	

#### LABORATORY CONTROL SAMPLE: T014728-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.665	0.387	58	51-110	
Aroclor-1260	mg/kg wet	0.665	0.416	63	49-110	
Tetrachloro-m-xylene (S)	%	0.0332	0.0247	74	40-113	
Decachlorobiphenyl (S)	%	0.0332	0.0243	73	32-111	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014742

QC Batch Method: EPA 8151

Analysis Description: TCLP Herbicides

Analysis Method: EPA 8151A

#### METHOD BLANK: T014742-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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#### METHOD BLANK: T014742-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.0020	0.0020	
2,4,5-TP (Silvex)	mg/L	<0.0010	0.0010	
2,4-Dichlorophenylacetic acid (S)	%	88	39-125	

#### LABORATORY CONTROL SAMPLE: T014742-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-D	mg/L	0.00400	0.00347	87	40-129	
2,4,5-TP (Silvex)	mg/L	0.00400	0.00364	91	56-121	
2,4-Dichlorophenylacetic acid (S)	%	0.00800	0.00764	96	39-125	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014709

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

#### METHOD BLANK: T014709-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-chloroethyl)ether	mg/kg wet	<0.033	0.033	
2-Chlorophenol	mg/kg wet	<0.083	0.083	
Phenol	mg/kg wet	<0.083	0.083	
1,3-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,4-Dichlorobenzene	mg/kg wet	<0.083	0.083	
1,2-Dichlorobenzene	mg/kg wet	<0.083	0.083	
Benzyl alcohol	mg/kg wet	<0.66	0.66	
Bis(2-chloroisopropyl)ether	mg/kg wet	<0.083	0.083	
2-Methylphenol (o-Cresol)	mg/kg wet	<0.083	0.083	
3,4-Methylphenol (m,p Cresol)	mg/kg wet	<0.083	0.083	
N-Nitrosodi-n-propylamine	mg/kg wet	<0.083	0.083	
Hexachloroethane	mg/kg wet	<0.083	0.083	
Nitrobenzene	mg/kg wet	<0.033	0.033	
Isophorone	mg/kg wet	<0.083	0.083	
2-Nitrophenol	mg/kg wet	<0.083	0.083	
2,4-Dimethylphenol	mg/kg wet	<0.083	0.083	
Bis(2-chloroethoxy)methane	mg/kg wet	<0.083	0.083	
Benzoic acid	mg/kg wet	<1.2	1.2	
1,2,4-Trichlorobenzene	mg/kg wet	<0.083	0.083	
2,4-Dichlorophenol	mg/kg wet	<0.083	0.083	
Naphthalene	mg/kg wet	<0.083	0.083	
4-Chloroaniline	mg/kg wet	<0.083	0.083	
Hexachlorobutadiene	mg/kg wet	<0.033	0.033	
4-Chloro-3-methylphenol	mg/kg wet	<0.083	0.083	

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# METHOD BLANK: T014709-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2-Methylnaphthalene	mg/kg wet	<0.083	0.083	
Hexachlorocyclopentadiene	mg/kg wet	<0.17	0.17	
2,4,6-Trichlorophenol	mg/kg wet	<0.033	0.033	
2,4,5-Trichlorophenol	mg/kg wet	<0.083	0.083	
2-Chloronaphthalene	mg/kg wet	<0.083	0.083	
2-Nitroaniline	mg/kg wet	<0.083	0.083	
Dimethyl phthalate	mg/kg wet	<0.083	0.083	
Acenaphthylene	mg/kg wet	<0.083	0.083	
2,6-Dinitrotoluene	mg/kg wet	<0.083	0.083	
3-Nitroaniline	mg/kg wet	<0.083	0.083	
Acenaphthene	mg/kg wet	<0.083	0.083	
Dibenzofuran	mg/kg wet	<0.083	0.083	
2,4-Dinitrotoluene	mg/kg wet	<0.083	0.083	
4-Nitrophenol	mg/kg wet	<0.67	0.67	
2,4-Dinitrophenol	mg/kg wet	<0.67	0.67	
Diethyl phthalate	mg/kg wet	<0.083	0.083	
Fluorene	mg/kg wet	<0.083	0.083	
4-Chlorophenyl phenyl ether	mg/kg wet	<0.083	0.083	
4-Nitroaniline	mg/kg wet	<0.083	0.083	
4,6-Dinitro-2-methylphenol	mg/kg wet	<0.17	0.17	
N-Nitrosodiphenylamine	mg/kg wet	<0.083	0.083	
4-Bromophenyl phenyl ether	mg/kg wet	<0.083	0.083	
Hexachlorobenzene	mg/kg wet	<0.083	0.083	
Pentachlorophenol	mg/kg wet	<0.36	0.36	
Phenanthrene	mg/kg wet	<0.033	0.033	
Anthracene	mg/kg wet	<0.083	0.083	
Carbazole	mg/kg wet	<0.083	0.083	
Di-n-butyl phthalate	mg/kg wet	<0.083	0.083	
Fluoranthene	mg/kg wet	<0.033	0.033	
Pyrene	mg/kg wet	<0.083	0.083	
Butyl benzyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (a) anthracene	mg/kg wet	<0.033	0.033	
Chrysene	mg/kg wet	<0.033	0.033	
3,3'-Dichlorobenzidine	mg/kg wet	<0.66	0.66	
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	
Di-n-octyl phthalate	mg/kg wet	<0.083	0.083	
Benzo (b) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (k) fluoranthene	mg/kg wet	<0.033	0.033	
Benzo (a) pyrene	mg/kg wet	<0.033	0.033	
Indeno (1,2,3-cd) pyrene	mg/kg wet	<0.033	0.033	
Dibenz (a,h) anthracene	mg/kg wet	<0.033	0.033	
Benzo (g,h,i) perylene	mg/kg wet	<0.033	0.033	
2-Fluorophenol (S)	%	59	38-81	
Phenol-d5 (S)	%	51	32-102	
Nitrobenzene-d5 (S)	%	60	36-98	

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# **METHOD BLANK: T014709-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
2-Fluorobiphenyl (S)	%	53	44-105	
2,4,6-Tribromophenol (S)	%	61	38-101	
Terphenyl-d14 (S)	%	65	46-109	

# **LABORATORY CONTROL SAMPLE: T014709-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.39	2.16	64	49-93	
Phenol	mg/kg wet	3.32	1.91	57	40-90	
1,4-Dichlorobenzene	mg/kg wet	1.75	1.08	62	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	1.49	1.04	70	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	1.81	1.12	62	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.46	2.46	71	50-96	
Acenaphthene	mg/kg wet	1.75	1.10	63	52-105	
2,4-Dinitrotoluene	mg/kg wet	1.70	1.03	61	51-108	
4-Nitrophenol	mg/kg wet	3.32	1.82	55	22-112	
Pentachlorophenol	mg/kg wet	3.42	2.18	64	30-111	
Pyrene	mg/kg wet	1.75	1.22	70	47-114	
2-Fluorophenol (S)	%	3.32	2.37	71	38-81	
Phenol-d5 (S)	%	3.32	2.19	66	32-102	
Nitrobenzene-d5 (S)	%	3.32	2.42	73	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.19	66	44-105	
2,4,6-Tribromophenol (S)	%	3.32	2.58	77	38-101	
Terphenyl-d14 (S)	%	3.32	2.55	77	46-109	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014741

Analysis Description: TCLP Semi-Volatiles

QC Batch Method: EPA 3510C Separatory Funnel  
Liquid-Liquid Extr.

Analysis Method: EPA 8270C

# **METHOD BLANK: T014741-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	

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#### METHOD BLANK: T014741-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	36	20-53	
Phenol-d5 (S)	%	22	11-40	
Nitrobenzene-d5 (S)	%	55	36-103	
2-Fluorobiphenyl (S)	%	56	36-119	
2,4,6-Tribromophenol (S)	%	62	30-105	
Terphenyl-d14 (S)	%	65	37-109	

#### LABORATORY CONTROL SAMPLE: T014741-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0510	0.0325	64	39-105	
Pentachlorophenol	mg/L	0.103	0.0674	65	38-102	
2-Fluorophenol (S)	%	0.100	0.0408	41	20-53	
Phenol-d5 (S)	%	0.100	0.0259	26	11-40	
Nitrobenzene-d5 (S)	%	0.100	0.0657	66	36-103	
2-Fluorobiphenyl (S)	%	0.100	0.0639	64	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0738	74	30-105	
Terphenyl-d14 (S)	%	0.100	0.0728	73	37-109	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014783

QC Batch Method: SW846 5035 Purge-and-Trap for Solids and Wastes

Analysis Description: Gasoline Range Organics

Analysis Method: EPA 8015

#### METHOD BLANK: T014783-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	104	80-130	

#### LABORATORY CONTROL SAMPLE: T014783-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	21.1	106	80-120	
Fluorobenzene (S)	%	100	104	104	80-130	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

### CERTIFICATE OF ANALYSIS

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QC Batch: T014757

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and Wastes

Analysis Description: Volatiles, Target Compound List

Analysis Method: EPA 8260B

# METHOD BLANK: T014757-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloromethane	ug/kg wet	<250	250	
Vinyl chloride	ug/kg wet	<40	40	
Bromomethane	ug/kg wet	<200	200	
Chloroethane	ug/kg wet	<250	250	
1,1-Dichloroethene	ug/kg wet	<50	50	
Acetone	ug/kg wet	<1000	1000	
Carbon disulfide	ug/kg wet	<250	250	
Methylene chloride	ug/kg wet	<250	250	
1,1-Dichloroethane	ug/kg wet	<50	50	
2-Butanone	ug/kg wet	<750	750	
1,2-Dichloroethene (total)	ug/kg wet	<100	100	
Chloroform	ug/kg wet	<50	50	
1,1,1-Trichloroethane	ug/kg wet	<50	50	
Carbon tetrachloride	ug/kg wet	<50	50	
Benzene	ug/kg wet	<50	50	
1,2-Dichloroethane	ug/kg wet	<50	50	
Trichloroethene	ug/kg wet	<50	50	
1,2-Dichloropropane	ug/kg wet	<50	50	
Bromodichloromethane	ug/kg wet	<100	100	
cis-1,3-Dichloropropene	ug/kg wet	<50	50	
4-Methyl-2-pentanone	ug/kg wet	<2500	2500	
Toluene	ug/kg wet	<100	100	
trans-1,3-Dichloropropene	ug/kg wet	<50	50	
1,1,2-Trichloroethane	ug/kg wet	<50	50	
Tetrachloroethene	ug/kg wet	<50	50	
2-Hexanone	ug/kg wet	<2500	2500	
Dibromochloromethane	ug/kg wet	<100	100	
Chlorobenzene	ug/kg wet	<50	50	
Ethylbenzene	ug/kg wet	<50	50	
m,p-Xylene	ug/kg wet	<100	100	
o-Xylene	ug/kg wet	<50	50	
Xylenes, total	ug/kg wet	<150	150	
Styrene	ug/kg wet	<50	50	
Bromoform	ug/kg wet	<100	100	
1,1,2,2-Tetrachloroethane	ug/kg wet	<50	50	
1,2-Dichloroethane-d4 (S)	%	95	70-133	
Toluene-d8 (S)	%	104	76-125	
4-Bromofluorobenzene (S)	%	104	71-123	
1,2-Dichlorobenzene-d4 (S)	%	93	72-123	

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#### LABORATORY CONTROL SAMPLE: T014757-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/kg wet	1000	884	88	64-156	
Benzene	ug/kg wet	1000	954	95	80-120	
Trichloroethene	ug/kg wet	1000	1010	101	69-133	
Toluene	ug/kg wet	1000	960	96	80-120	
Chlorobenzene	ug/kg wet	1000	944	94	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	42.4	94	70-133	
Toluene-d8 (S)	%	45.0	46.8	104	76-125	
4-Bromofluorobenzene (S)	%	45.0	47.2	105	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	44.4	99	72-123	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014758

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: TCLP Volatiles

Analysis Method: EPA 8260B

#### METHOD BLANK: T014758-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.0010	0.0010	
1,1-Dichloroethene	mg/L	<0.0010	0.0010	
2-Butanone	mg/L	<0.0050	0.0050	
Chloroform	mg/L	<0.0010	0.0010	
Carbon tetrachloride	mg/L	<0.0010	0.0010	
Benzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane	mg/L	<0.0010	0.0010	
Trichloroethene	mg/L	<0.0010	0.0010	
Tetrachloroethene	mg/L	<0.0010	0.0010	
Chlorobenzene	mg/L	<0.0010	0.0010	
1,4-Dichlorobenzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane-d4 (S)	%	95	70-133	
Toluene-d8 (S)	%	104	76-125	
4-Bromofluorobenzene (S)	%	104	72-123	
1,2-Dichlorobenzene-d4 (S)	%	93	71-123	

#### LABORATORY CONTROL SAMPLE: T014758-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	0.0200	0.0174	87	47-184	
1,1-Dichloroethene	mg/L	0.0200	0.0177	88	64-156	
2-Butanone	mg/L	0.0200	0.0169	85	70-130	
Chloroform	mg/L	0.0200	0.0190	95	80-120	
Carbon tetrachloride	mg/L	0.0200	0.0179	90	79-141	

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# LABORATORY CONTROL SAMPLE: T014758-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	mg/L	0.0200	0.0191	95	80-120	
1,2-Dichloroethane	mg/L	0.0200	0.0187	93	80-120	
Trichloroethene	mg/L	0.0200	0.0202	101	69-133	
Tetrachloroethene	mg/L	0.0200	0.0190	95	70-120	
Chlorobenzene	mg/L	0.0200	0.0189	94	80-120	
1,4-Dichlorobenzene	mg/L	0.0200	0.0184	92	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	42.4	94	70-133	
Toluene-d8 (S)	%	45.0	46.8	104	76-125	
4-Bromofluorobenzene (S)	%	45.0	47.2	105	72-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	44.4	99	71-123	

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014758-MSD1 Original: T10B029-03

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Vinyl chloride	mg/L	0	1.00	0.834	0.872	83	87	60-153	4	13	
1,1-Dichloroethene	mg/L	0	1.00	0.896	0.892	90	89	60-146	0.4	15	
2-Butanone	mg/L	0	1.00	0.800	0.833	80	83	60-140	4	23	
Chloroform	mg/L	0	1.00	0.937	0.943	94	94	68-124	0.6	13	
Carbon tetrachloride	mg/L	0	1.00	0.886	0.884	89	88	68-125	0.3	12	
Benzene	mg/L	0	1.00	0.948	0.946	95	95	78-114	0.2	11	
1,2-Dichloroethane	mg/L	0	1.00	0.928	0.944	93	94	63-132	2	11	
Trichloroethene	mg/L	0	1.00	1.02	1.01	102	101	70-117	0.4	14	
Tetrachloroethene	mg/L	0	1.00	0.941	0.950	94	95	57-126	0.9	12	
Chlorobenzene	mg/L	0	1.00	0.942	0.960	94	96	75-116	2	12	
1,4-Dichlorobenzene	mg/L	0	1.00	0.880	0.968	88	97	69-118	10	18	
1,2-Dichloroethane-d4 (S)	%		45.0	42.5	42.7	95	95	70-133			
Toluene-d8 (S)	%		45.0	46.4	47.0	103	104	76-125			
4-Bromofluorobenzene (S)	%		45.0	47.8	48.4	106	108	72-123			
1,2-Dichlorobenzene-d4 (S)	%		45.0	44.6	44.9	99	100	71-123			

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014759

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: Volatiles, Full MDEQ+ List

Analysis Method: EPA 8260B

# METHOD BLANK: T014759-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	ug/L	<1.0	1.0	
Chloromethane	ug/L	<1.0	1.0	

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# **METHOD BLANK: T014759-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<1.0	1.0	
Chloroethane	ug/L	<1.0	1.0	
Trichlorofluoromethane	ug/L	<1.0	1.0	
Diethyl ether	ug/L	<10	10	
Tert-butyl alcohol	ug/L	<50	50	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<10	10	
Iodomethane	ug/L	<1.0	1.0	
Carbon disulfide	ug/L	<5.0	5.0	
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Methylene chloride	ug/L	<5.0	5.0	
Acrylonitrile	ug/L	<2.0	2.0	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
Diisopropyl Ether	ug/L	<5.0	5.0	
2-Butanone	ug/L	<5.0	5.0	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	
t-Butyl Ethyl Ether	ug/L	<5.0	5.0	
Bromochloromethane	ug/L	<1.0	1.0	
Tetrahydrofuran	ug/L	<20	20	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	
Benzene	ug/L	<1.0	1.0	
t-Amyl Methyl Ether	ug/L	<5.0	5.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
Cyclohexane	ug/L	<5.0	5.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Dibromomethane	ug/L	<1.0	1.0	
Bromodichloromethane	ug/L	<1.0	1.0	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<5.0	5.0	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<5.0	5.0	
Dibromochloromethane	ug/L	<1.0	1.0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	

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# **METHOD BLANK: T014759-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
Isopropylbenzene	ug/L	<1.0	1.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	
Bromobenzene	ug/L	<1.0	1.0	
n-Propylbenzene	ug/L	<1.0	1.0	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	
t-Butyl Benzene	ug/L	<1.0	1.0	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	
sec-Butylbenzene	ug/L	<1.0	1.0	
p-Isopropyltoluene	ug/L	<1.0	1.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	
n-Butylbenzene	ug/L	<1.0	1.0	
1,2,3-Trimethylbenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	
Hexachloroethane	ug/L	<1.0	1.0	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	
Naphthalene	ug/L	<5.0	5.0	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	
2-Methylnaphthalene	ug/L	<5.0	5.0	
1,2-Dichloroethane-d4 (S)	%	95	70-133	
Toluene-d8 (S)	%	104	76-125	
4-Bromofluorobenzene (S)	%	104	71-123	
1,2-Dichlorobenzene-d4 (S)	%	93	72-123	

# **LABORATORY CONTROL SAMPLE: T014759-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	20.0	17.7	88	64-156	
Benzene	ug/L	20.0	19.1	95	80-120	
Trichloroethene	ug/L	20.0	20.2	101	69-133	
Toluene	ug/L	20.0	19.2	96	80-120	
Chlorobenzene	ug/L	20.0	18.9	94	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	42.4	94	70-133	
Toluene-d8 (S)	%	45.0	46.8	104	76-125	
4-Bromofluorobenzene (S)	%	45.0	47.2	105	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	44.4	99	72-123	

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Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014685

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014781

QC Batch Method: EPA 1010

Analysis Description: Flash Point (Ignitability)

Analysis Method: EPA 1010

#### LABORATORY CONTROL SAMPLE: T014781-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014856

QC Batch Method: EPA 9012B

Analysis Description: Cyanide, Total

Analysis Method: EPA 9012B

#### METHOD BLANK: T014856-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide (total)	mg/kg wet	<0.12	0.12	

#### LABORATORY CONTROL SAMPLE: T014856-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide (total)	mg/kg wet	4.00	3.58	89	81-111	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014724

QC Batch Method: EPA 9023

Analysis Description: Halides, Total

Analysis Method: EPA 9023

#### METHOD BLANK: T014724-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Extractable Organic Halides	mg/kg wet	<50	50	

#### LABORATORY CONTROL SAMPLE: T014724-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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#### LABORATORY CONTROL SAMPLE: T014724-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Extractable Organic Halides	mg/kg wet	500	399	80	70-124	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014724-MSD1 Original: T10B029-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Extractable Organic Halides	mg/kg dry	208	554	557	620	62	74	59-130	18	34	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014696

QC Batch Method: EPA 9045C

Analysis Description: Corrosivity (pH for waste), 9040/9045

Analysis Method: EPA 9045C

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014723

QC Batch Method: EPA Chapter 7.3

Analysis Description: Reactivity - Sulfide

Analysis Method: EPA Chapter 7.3

#### METHOD BLANK: T014723-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Sulfide, Reactive	mg/kg wet	<5.0	5.0	

#### LABORATORY CONTROL SAMPLE: T014723-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	5.00	<5.0	82	74-126	

Trace Project ID: T10B029

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014707

QC Batch Method: EPA Chapter 7.3 Reactivity

Analysis Description: Reactivity - Cyanide

Analysis Method: EPA Chapter 7.3 Reactivity

#### METHOD BLANK: T014707-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide, Reactive	mg/L	<0.50	0.50	

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**LABORATORY CONTROL SAMPLE: T014707-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/L	0.200	<0.50	96	79-121	

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TRACE ID NO.  
T16B029

**Report Results To:**

Client Name: <b>RMT INC</b>			
Contact Person: <b>JENNIFER OVERVOORDE</b>			
Mailing Address: <b>2025 E. BELTING AVE. SE SUITE 402</b>			
City, State, Zip Code: <b>Grand Rapids MI 49546</b>			
Phone: <b>616 975 5415</b>		Fax: <b>616 975 1098</b>	
Email Address: <b>JENNIFER.OVERVOORDE@RMTINC.COM</b>			
Project #: <b>6527.40</b>		PO #:	Trace Quote #:
Project Name: <b>15C MW19HS1 REMEDIATION</b>			Sampled by: <b>SP</b>

## TRACE USE ONLY

Logged By: J. S. Smith Checked By: [Signature]  
Received on ice: Yes No Preservative Checked: Yes No N/A  
Soil Volatiles Preserved: MeOH En Core Low Level Lab

### Regulatory Requirements

MERA TMDL's	<input type="checkbox"/>
Drinking Water	<input type="checkbox"/>
NPDES	<input type="checkbox"/>
USACE	<input type="checkbox"/>
Special	<input type="checkbox"/>

### Turnaround Requirements

Standard (2 wk) ☒

\* 5 Day ☐

\* 2-4 Day (RUSH) ☐

\* 24 Hour (RUSH) ☐

\* Requires prior approval

### Matrix Key

S = Soil  
W = Water  
SE = Sediment  
OI = Oil  
SQ = Solid Waste  
WI = Wipes  
LW = Liquid Waste  
A = Air  
D = Drinking Water  
SL = Sludge

**Bill To:**

Billing Address (if different) \_\_\_\_\_  
City, State, Zip Code MADISON WI  
Attn: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

## ANALYSIS REQUESTED

### **Request for Analytical Services**

[illegible]

**Please Sign**

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	Scott Paulding	FED EX	2/3/10	1700	3)				
2)	Fed-Ex	ARMED	2/3/10	10:42	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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## SAMPLE LOG IN CHECKLIST

Date: <u>2-3-10</u>		Client Name: <u>BMT INC</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B029</u>		Project Name: <u>OS</u>		Cooler #s: _____	
		Logged in by: <u>[Signature]</u>		Cooler #s: _____	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>			<b>Cooler Temperature</b>		
			Correction Factor <u>+0.1</u> °C		
			Date: <u>2-3-10</u> Time: <u>10:42</u>		
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input type="checkbox"/> No			Temperature Blank: _____ °C		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Range of 3 samples: <u>6</u> °C		
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No			Melt Water: _____ °C		
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>General</b>					
			Yes No NA		
COC taped to inside of cooler lid?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottles arrived unbroken with labels in good condition?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Each sample point is in a sealed plastic bag?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Labels filled out completely?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottle labels agree with Chain of Custody (COC)?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Sufficient sample to run tests requested?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
pH checked and samples at correct pH?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
Correct preservative added to samples?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
DRO/GRO samples received and appropriate check in form completed?			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
Air bubbles absent from VOAs?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
COC filled out properly and signed by client?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
COC signed in by TRACE sample custodian?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Was project manager called and samples discussed?			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Contact: _____			Date: _____		
<b>Notes:</b>					

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February 15, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B067  
Client Project LEC MW19HS1 Remediation / 6527.40

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



## SAMPLE SUMMARY

Trace Project ID: T10B067  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B067-01	W19HS1-10-13	Soil	sp	02/03/10 14:00	02/05/10 10:37
T10B067-02	W19HS1-10-14	Soil	sp	02/04/10 09:15	02/05/10 10:37

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

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## ANALYTICAL RESULTS

Trace Project ID: T10B067

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B067-01	Date Collected:	02/03/10 14:00	Matrix:	Soil		
Sample ID:	W19HS1-10-13	Date Received:	02/05/10 10:37				
PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL

### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	5.3 mg/kg dry	4.0	50	02/05/10	jp	02/06/10	jp	
<b>Surrogates:</b>								
Fluorobenzene	111 %	80-130	50	02/05/10	jp	02/06/10	jp	N

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	88 % by Wt.	0.10	1	02/05/10	jd	02/07/10	da	N
----------	-------------	------	---	----------	----	----------	----	---

Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	160 mg/kg dry	54	1	02/12/10	bd	02/12/10	rbp	N
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## ANALYTICAL RESULTS

Trace Project ID: T10B067

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B067-02  
Sample ID: W19HS1-10-14

Date Collected: 02/04/10 09:15  
Date Received: 02/05/10 10:37  
Matrix: Soil

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014783

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/05/10	jp	02/06/10	jp	
-------------------------------	----------------	-----	----	----------	----	----------	----	--

**Surrogates:**

Fluorobenzene	107 %	80-130	50	02/05/10	jp	02/06/10	jp	N
---------------	-------	--------	----	----------	----	----------	----	---

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014756

% Solids	86 % by Wt.	0.10	1	02/05/10	da	02/07/10	da	N
----------	-------------	------	---	----------	----	----------	----	---

Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	71 mg/kg dry	50	1	02/12/10	bd	02/12/10	rbp	N
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## QUALITY CONTROL RESULTS

Trace Project ID: T10B067

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014783

QC Batch Method: SW846 5035 Purge-and-Trap for Solids and Wastes

Analysis Description: Gasoline Range Organics

Analysis Method: EPA 8015

### METHOD BLANK: T014783-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	104	80-130	

### LABORATORY CONTROL SAMPLE: T014783-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	21.1	106	80-120	
Fluorobenzene (S)	%	100	104	104	80-130	

Trace Project ID: T10B067

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014756

QC Batch Method: % Solids

Analysis Description: Solids, Dry Weight

Analysis Method: % Calculation

Trace Project ID: T10B067

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014852

QC Batch Method: EPA 9023

Analysis Description: Halides, Total

Analysis Method: EPA 9023

### METHOD BLANK: T014852-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Extractable Organic Halides	mg/kg wet	<50	50	

### LABORATORY CONTROL SAMPLE: T014852-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Extractable Organic Halides	mg/kg wet	500	390	78	70-124	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014852-MSD1

Original: T10B067-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
-----------	-------	-----------------	-------------	-----------	------------	----------	-----------	-------------	-----	---------	-------

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014852-MSD1**

Original: T10B067-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Extractable Organic Halides	mg/kg dry	156	551	595	567	79	75	59-130	6	34	

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## CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

2/14/10 Page 1 of 1

TRACE ID NO.

T10B067

Report Results To:	Client Name: <u>RMT INC</u>		Logged By: <u>[Signature]</u>		Checked By: <u>[Signature]</u>	
	Contact Person: <u>JENNIFER OVERVOORDE</u>		Received on ice: <u>Yes</u> No		Preservative Checked: Yes No <u>N/A</u>	
	Mailing Address: <u>2025 E. BELTLINE AVE. SE SUITE 402</u>		Soil Volatiles Preserved: <u>MeOH</u> En Core Low Level Lab			
	City, State, Zip Code: <u>Grand Rapids MI 49546</u>					
Bill To:	Phone: <u>616 975-5415</u>		Fax: <u>616 975 1098</u>		Regulatory Requirements	
	Email Address: <u>JENNIFER.OVERVOORDE@RMTINC.COM</u>		Project #: <u>6527.40</u>		Turnaround Requirements	
	Project Name: <u>LEC MWIHSI REMEDIATION</u>		PO #: _____		Matrix Key	
	Billing Address (if different): _____		Trace Quote #: _____		ANALYSIS REQUESTED	
Request for Analytical Services	City, State, Zip Code: <u>MADISON WI</u>		Attn: _____		Phone: _____	
	Fax: _____		Possible Health Hazard			
	TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX
	01	2/3/10	1400	NA	W19HSI-10-13	S 2
	02	2/4/10	0915	NA	W19HSI-10-14	S 2
Please Sign	Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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### SAMPLE LOG IN CHECKLIST

Date: <u>2-5-10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B066</u> <u>T10B067</u>		Project Name: _____		Cooler #s: _____	
Logged in by: <u>ASm</u>		_____		Cooler #s: _____	

#### Cooler Receipt

Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			

#### Coolant and Temperature

Type of Coolant Used	Yes	No	Cooler Temperature	Correction Factor $\pm 0.1$ °C
Slurry w/ crushed, cubed, or chip ice?	<input type="checkbox"/>	<input type="checkbox"/>	Date: <u>2-5-10</u>	Time: <u>10:30</u>
Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temperature Blank: _____ °C	
Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>	Range of 3 samples: <u>Cp</u> °C	
No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>	Melt Water: _____ °C	
			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

#### General

	Yes	No	NA
COC taped to inside of cooler lid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Contact: \_\_\_\_\_ Date: \_\_\_\_\_

**Notes:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Rev.8 11/21/06

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February 19, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B107  
Client Project LEC MW19HS1 Remediation / 6527.40

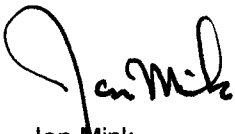
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



## SAMPLE SUMMARY

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B107-01	W19HS1-10-15 Composite	Soil	sp	02/09/10 15:00	02/10/10 11:42
T10B107-02	W19HS1-10-15 Grab	Soil	sp	02/09/10 15:00	02/10/10 11:42
T10B107-03	W19HS1-10-16	Soil	sp	02/09/10 15:15	02/10/10 11:42
T10B107-04	W19HS1-10-17	Soil	sp	02/09/10 15:30	02/10/10 11:42
T10B107-05	Trip Blank	Water	sp	02/02/10	02/10/10 11:42

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

### DATA QUALIFIERS

Trace ID: T014871-MS1

#### Analysis: EPA 6010B

<b>Barium</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Copper</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.
<b>Lead</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Zinc</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

#### Analysis: EPA 6020

<b>Arsenic</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Selenium</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.

Trace ID: T014871-MSD1

#### Analysis: EPA 6010B

<b>Barium</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
<b>Copper</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.

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<b>Lead</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
-------------	---

<b>Zinc</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
-------------	---

**Analysis: EPA 6020**

<b>Arsenic</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
----------------	---

<b>Selenium</b>	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.
-----------------	--

Trace ID: T014910-MSD1

**Analysis: EPA 8260B**

<b>Chlorobenzene</b>	Note 207 : The RPD between the MS and the MSD was out of control. Because both spike recoveries were in control, no data require qualification.
----------------------	---

<b>Tetrachloroethene</b>	Note 207 : The RPD between the MS and the MSD was out of control. Because both spike recoveries were in control, no data require qualification.
--------------------------	---

Trace ID: T10B107-01

<b>Flashpoint</b>	Note F-02 : > 200
-------------------	-------------------

**Analysis: EPA 6010B**

<b>Barium</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
---------------	---

<b>Lead</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
-------------	---

<b>Zinc</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
-------------	---

**Analysis: EPA 6020**

<b>Arsenic</b>	Note 202 : The MS recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
----------------	---

**Analysis: EPA 8270C**

<b>2,4,6-Tribromophenol</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
-----------------------------	---

<b>2-Fluorophenol</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
-----------------------	---

<b>Phenol-d5</b>	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
------------------	---

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phone 231.773.5998  
toll-free 800.733.5998  
fax 231.773.6537

*Trace Analytical Laboratories, Inc.*  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
info@trace-labs.com  
www.trace-labs.com

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-01 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Composite Date Received: 02/10/10 11:42

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
------------	---------	-------	-----	----------	----------	----	----------	----	-------	-----

### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014811

Bis(2-chloroethyl)ether	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl
2-Chlorophenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Phenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
1,3-Dichlorobenzene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
1,4-Dichlorobenzene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
1,2-Dichlorobenzene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Benzyl alcohol	<7.8 mg/kg dry	7.8	10	02/10/10	kb	02/12/10	avl
Bis(2-chloroisopropyl)ether	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2-Methylphenol (o-Cresol)	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
3,4-Methylphenol (m,p Cresol)	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
N-Nitrosodi-n-propylamine	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Hexachloroethane	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Nitrobenzene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl
Isophorone	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2-Nitrophenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2,4-Dimethylphenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Bis(2-chloroethoxy)methane	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Benzoic acid	<14 mg/kg dry	14	10	02/10/10	kb	02/12/10	avl
1,2,4-Trichlorobenzene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2,4-Dichlorophenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
<b>Naphthalene</b>	<b>1.1 mg/kg dry</b>	<b>0.98</b>	<b>10</b>	<b>02/10/10</b>	<b>kb</b>	<b>02/12/10</b>	<b>avl</b>
4-Chloroaniline	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Hexachlorobutadiene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl
4-Chloro-3-methylphenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2-Methylnaphthalene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Hexachlorocyclopentadiene	<2.0 mg/kg dry	2.0	10	02/10/10	kb	02/12/10	avl
2,4,6-Trichlorophenol	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl
2,4,5-Trichlorophenol	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2-Chloronaphthalene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2-Nitroaniline	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Dimethyl phthalate	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Acenaphthylene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
2,6-Dinitrotoluene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
3-Nitroaniline	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl
Acenaphthene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-01 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Composite Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
Dibenzofuran	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
2,4-Dinitrotoluene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
4-Nitrophenol	<7.9 mg/kg dry	7.9	10	02/10/10	kb	02/12/10	avl		
2,4-Dinitrophenol	<7.9 mg/kg dry	7.9	10	02/10/10	kb	02/12/10	avl		
Diethyl phthalate	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Fluorene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
4-Chlorophenyl phenyl ether	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
4-Nitroaniline	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
4,6-Dinitro-2-methylphenol	<2.0 mg/kg dry	2.0	10	02/10/10	kb	02/12/10	avl		
N-Nitrosodiphenylamine	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
4-Bromophenyl phenyl ether	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Hexachlorobenzene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Pentachlorophenol	<4.3 mg/kg dry	4.3	10	02/10/10	kb	02/12/10	avl		
Phenanthrene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Anthracene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Carbazole	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Di-n-butyl phthalate	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Fluoranthene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Pyrene	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Butyl benzyl phthalate	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Benzo (a) anthracene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Chrysene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
3,3'-Dichlorobenzidine	<7.8 mg/kg dry	7.8	10	02/10/10	kb	02/12/10	avl	N	
<b>Bis(2-ethylhexyl)phthalate</b>	<b>26 mg/kg dry</b>	<b>0.98</b>	<b>10</b>	<b>02/10/10</b>	<b>kb</b>	<b>02/12/10</b>	<b>avl</b>		
Di-n-octyl phthalate	<0.98 mg/kg dry	0.98	10	02/10/10	kb	02/12/10	avl		
Benzo (b) fluoranthene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Benzo (k) fluoranthene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Benzo (a) pyrene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Indeno (1,2,3-cd) pyrene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Dibenz (a,h) anthracene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
Benzo (g,h,i) perylene	<0.39 mg/kg dry	0.39	10	02/10/10	kb	02/12/10	avl		
<b>Surrogates:</b>									
2-Fluorophenol	* %	38-81	10	02/10/10	kb	02/12/10	avl	302	
Phenol-d5	* %	32-102	10	02/10/10	kb	02/12/10	avl	302	
Nitrobenzene-d5	54 %	36-98	10	02/10/10	kb	02/12/10	avl		
2-Fluorobiphenyl	67 %	44-105	10	02/10/10	kb	02/12/10	avl		
2,4,6-Tribromophenol	* %	38-101	10	02/10/10	kb	02/12/10	avl	302	

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-01 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Composite Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Terphenyl-d14	88 %	46-109	10	02/10/10	kb	02/12/10	avl		
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014873

Pyridine	<0.40 mg/L	0.40	2	02/15/10	kb	02/16/10	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/15/10	kb	02/16/10	avl		100

#### Surrogates:

2-Fluorophenol	40 %	20-53	2	02/15/10	kb	02/16/10	avl		
Phenol-d5	22 %	11-40	2	02/15/10	kb	02/16/10	avl		
Nitrobenzene-d5	67 %	36-103	2	02/15/10	kb	02/16/10	avl		
2-Fluorobiphenyl	62 %	36-119	2	02/15/10	kb	02/16/10	avl		
2,4,6-Tribromophenol	72 %	30-105	2	02/15/10	kb	02/16/10	avl		
Terphenyl-d14	78 %	37-109	2	02/15/10	kb	02/16/10	avl		

### PESTICIDES/PCBS

Analysis Method: EPA 8082

Batch: T014855

Aroclor-1016	<0.078 mg/kg dry	0.078	1	02/12/10	kb	02/16/10	tim		
Aroclor-1221	<0.078 mg/kg dry	0.078	1	02/12/10	kb	02/16/10	tim		
Aroclor-1232	<0.078 mg/kg dry	0.078	1	02/12/10	kb	02/16/10	tim		
Aroclor-1242	<0.078 mg/kg dry	0.078	1	02/12/10	kb	02/16/10	tim		
Aroclor-1248	<0.078 mg/kg dry	0.078	1	02/12/10	kb	02/16/10	tim		
<b>Aroclor-1254</b>	<b>0.17 mg/kg dry</b>	<b>0.078</b>	<b>1</b>	<b>02/12/10</b>	<b>kb</b>	<b>02/16/10</b>	<b>tim</b>		
Aroclor-1260	<0.078 mg/kg dry	0.078	1	02/12/10	kb	02/16/10	tim		

#### Surrogates:

Tetrachloro-m-xylene	72 %	40-113	1	02/12/10	kb	02/16/10	tim		N
Decachlorobiphenyl	80 %	32-111	1	02/12/10	kb	02/16/10	tim		N

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-01 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Composite Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### PESTICIDES/PCBS

#### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014892

Chlordane	<0.00050 mg/L	0.00050	1	02/16/10	kb	02/17/10	tim		0.030
Endrin	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		10
Toxaphene	<0.0050 mg/L	0.0050	1	02/16/10	kb	02/17/10	tim		0.50

#### Surrogates:

Tetrachloro-m-xylene	59 %	38-94	1	02/16/10	kb	02/17/10	tim	N	
Decachlorobiphenyl	61 %	40-93	1	02/16/10	kb	02/17/10	tim	N	

### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014893

2,4-D	<0.050 mg/L	0.050	1	02/16/10	kb	02/18/10	tim	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/16/10	kb	02/18/10	tim	N	1.0

#### Surrogates:

2,4-Dichlorophenylacetic acid	98 %	39-125	1	02/16/10	kb	02/18/10	tim	N	
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### METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014871

Barium	100 mg/kg dry	0.99	1	02/15/10	jd	02/16/10	jlm	202	
Cadmium	3.3 mg/kg dry	0.20	1	02/15/10	jd	02/16/10	jlm		
Chromium	16 mg/kg dry	0.99	1	02/15/10	jd	02/16/10	jlm		
Copper	40 mg/kg dry	0.99	1	02/15/10	jlm	02/16/10	jlm		
Lead	36 mg/kg dry	0.99	1	02/15/10	jd	02/16/10	jlm	202	
Nickel	14 mg/kg dry	0.99	1	02/15/10	jd	02/16/10	jlm		
Vanadium	27 mg/kg dry	0.99	1	02/15/10	jd	02/16/10	jlm		
Zinc	69 mg/kg dry	0.99	1	02/15/10	jd	02/16/10	jlm	202	

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-01 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Composite Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### METALS, TOTAL

Analysis Method: EPA 6020

Batch: T014871

Arsenic	6.4 mg/kg dry	0.099	10	02/15/10	jd	02/15/10	jn	202	
Selenium	0.68 mg/kg dry	0.20	10	02/15/10	jd	02/15/10	jn		
Silver	0.10 mg/kg dry	0.097	10	02/12/10	jd	02/15/10	jn		

Analysis Method: EPA 7471A

Batch: T014871

Mercury	0.096 mg/kg dry	0.030	1	02/15/10	jd	02/15/10	jlm		
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### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014888

Arsenic	<0.30 mg/L	0.30	1	02/15/10	jd	02/17/10	jlm		5.0
Barium	<1.0 mg/L	1.0	1	02/15/10	jd	02/17/10	jlm		100
Cadmium	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		1.0
Chromium	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Copper	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Lead	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Nickel	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Selenium	<0.60 mg/L	0.60	1	02/15/10	jd	02/17/10	jlm		1.0
Silver	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		5.0
Zinc	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		

Analysis Method: EPA 7470A

Batch: T014870

Mercury	<0.010 mg/L	0.010	1	02/15/10	jd	02/15/10	jlm		0.20
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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-01 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Composite Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### WET CHEMISTRY

#### Analysis Method: % Calculation

Batch: T014833

% Solids	84 % by Wt.	0.10	1	02/11/10	sm	02/12/10	da	N	
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#### Analysis Method: EPA 1010

Batch: T014929

Flashpoint	> 200 °F	1.0	1	02/17/10	sm	02/17/10	sm		
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#### Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	<0.12 mg/kg dry	0.12	1	02/12/10	sm	02/12/10	sm	N	
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#### Analysis Method: EPA 9045C

Batch: T014841

Corrosivity-pH	7.58 pH Units		1	02/11/10	sm	02/11/10	sm	N	
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#### Analysis Method: EPA Chapter 7.3

Batch: T014848

Cyanide, Reactive	<0.50 mg/kg dry	0.50	1	02/12/10	sm	02/12/10	sm		
Sulfide, Reactive	<5.8 mg/kg dry	5.8	1	02/15/10	da	02/16/10	bd	N	

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-02 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Grab Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
<u>Analysis Method: EPA 8260B</u>									
Batch: T014931									
Chloromethane	<250 ug/kg dry	250	50	02/11/10	jp	02/11/10	jp		
Vinyl chloride	<40 ug/kg dry	40	50	02/11/10	jp	02/11/10	jp	N	
Bromomethane	<200 ug/kg dry	200	50	02/11/10	jp	02/11/10	jp		
Chloroethane	<250 ug/kg dry	250	50	02/11/10	jp	02/11/10	jp		
1,1-Dichloroethene	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
Acetone	<1000 ug/kg dry	1000	50	02/11/10	jp	02/11/10	jp		
Carbon disulfide	<250 ug/kg dry	250	50	02/11/10	jp	02/11/10	jp		
Methylene chloride	<250 ug/kg dry	250	50	02/11/10	jp	02/11/10	jp		
1,1-Dichloroethane	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
2-Butanone	<750 ug/kg dry	750	50	02/11/10	jp	02/11/10	jp		
1,2-Dichloroethene (total)	<100 ug/kg dry	100	50	02/11/10	jp	02/11/10	jp	N	
Chloroform	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
<b>1,1,1-Trichloroethane</b>	<b>440 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>		
Carbon tetrachloride	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
Benzene	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
1,2-Dichloroethane	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
<b>Trichloroethene</b>	<b>560 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>		
1,2-Dichloropropane	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
Bromodichloromethane	<100 ug/kg dry	100	50	02/11/10	jp	02/11/10	jp		
cis-1,3-Dichloropropene	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
4-Methyl-2-pentanone	<2500 ug/kg dry	2500	50	02/11/10	jp	02/11/10	jp		
<b>Toluene</b>	<b>380000 ug/kg dry</b>	<b>4100</b>	<b>5000</b>	<b>02/16/10</b>	<b>jp</b>	<b>02/16/10</b>	<b>jp</b>		
trans-1,3-Dichloropropene	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
1,1,2-Trichloroethane	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
<b>Tetrachloroethene</b>	<b>550 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>		
2-Hexanone	<2500 ug/kg dry	2500	50	02/11/10	jp	02/11/10	jp		
Dibromochloromethane	<100 ug/kg dry	100	50	02/11/10	jp	02/11/10	jp		
<b>Chlorobenzene</b>	<b>320 ug/kg dry</b>	<b>50</b>	<b>50</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>		
<b>Ethylbenzene</b>	<b>13000 ug/kg dry</b>	<b>820</b>	<b>1000</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>		
<b>m,p-Xylene</b>	<b>56000 ug/kg dry</b>	<b>1600</b>	<b>1000</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>	N	
<b>o-Xylene</b>	<b>17000 ug/kg dry</b>	<b>820</b>	<b>1000</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>	N	
<b>Xylenes, total</b>	<b>73000 ug/kg dry</b>	<b>2500</b>	<b>1000</b>	<b>02/11/10</b>	<b>jp</b>	<b>02/11/10</b>	<b>jp</b>		
Styrene	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		
Bromoform	<100 ug/kg dry	100	50	02/11/10	jp	02/11/10	jp		
1,1,2,2-Tetrachloroethane	<50 ug/kg dry	50	50	02/11/10	jp	02/11/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-02 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Grab Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

#### Surrogates:

1,2-Dichloroethane-d4	98 %	70-133	50	02/11/10	jp	02/11/10	jp		
1,2-Dichloroethane-d4	97 %	70-133	1000	02/11/10	jp	02/11/10	jp		
1,2-Dichloroethane-d4	91 %	70-133	5000	02/16/10	jp	02/16/10	jp		
Toluene-d8	109 %	76-125	50	02/11/10	jp	02/11/10	jp		
Toluene-d8	104 %	76-125	1000	02/11/10	jp	02/11/10	jp		
Toluene-d8	101 %	76-125	5000	02/16/10	jp	02/16/10	jp		
4-Bromofluorobenzene	99 %	71-123	50	02/11/10	jp	02/11/10	jp		
4-Bromofluorobenzene	101 %	71-123	1000	02/11/10	jp	02/11/10	jp		
4-Bromofluorobenzene	98 %	71-123	5000	02/16/10	jp	02/16/10	jp		
1,2-Dichlorobenzene-d4	92 %	72-123	50	02/11/10	jp	02/11/10	jp		
1,2-Dichlorobenzene-d4	93 %	72-123	1000	02/11/10	jp	02/11/10	jp		
1,2-Dichlorobenzene-d4	101 %	72-123	5000	02/16/10	jp	02/16/10	jp		

### VOLATILE ORGANIC COMPOUNDS, TCLP

#### Analysis Method: EPA 8260B

#### Batch: T014910

Vinyl chloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
2-Butanone	<0.25 mg/L	0.25	50	02/16/10	jp	02/16/10	jp		200
Chloroform	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Benzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		7.5

#### Surrogates:

1,2-Dichloroethane-d4	98 %	70-133	50	02/16/10	jp	02/16/10	jp		
Toluene-d8	103 %	76-125	50	02/16/10	jp	02/16/10	jp		
4-Bromofluorobenzene	103 %	72-123	50	02/16/10	jp	02/16/10	jp		
1,2-Dichlorobenzene-d4	93 %	71-123	50	02/16/10	jp	02/16/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-02 Date Collected: 02/09/10 15:00 Matrix: Soil  
Sample ID: W19HS1-10-15 Grab Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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## WET CHEMISTRY

### Analysis Method: % Calculation

Batch: T014833

% Solids	87 % by Wt.	0.10	1	02/11/10	sm	02/12/10	da	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-03 Date Collected: 02/09/10 15:15 Matrix: Soil  
Sample ID: W19HS1-10-16 Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	270 mg/kg dry	32	2000	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	103 %	80-130	2000	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014833

% Solids	85 % by Wt.	0.10	1	02/11/10	sm	02/12/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	110 mg/kg dry	55	1	02/12/10	bd	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-04 Date Collected: 02/09/10 15:30 Matrix: Soil  
Sample ID: W19HS1-10-17 Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	1100 mg/kg dry	83	5000	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	105 %	80-130	5000	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014833

% Solids	82 % by Wt.	0.10	1	02/11/10	sm	02/12/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	170 mg/kg dry	60	1	02/12/10	bd	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-05 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
<u>Analysis Method: EPA 8260B</u>									
Batch: T014835									
Dichlorodifluoromethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Chloromethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Vinyl chloride	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Bromomethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Chloroethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Trichlorofluoromethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Diethyl ether	<10 ug/L	10	1	02/10/10	jp	02/10/10	jp	N	
Tert-butyl alcohol	<50 ug/L	50	1	02/10/10	jp	02/10/10	jp	N	
1,1-Dichloroethene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Acetone	<50 ug/L	50	1	02/10/10	jp	02/10/10	jp		
Iodomethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp	N	
Carbon disulfide	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Methylene chloride	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Acrylonitrile	<2.0 ug/L	2.0	1	02/10/10	jp	02/10/10	jp		
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Diisopropyl Ether	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
2-Butanone	<25 ug/L	25	1	02/10/10	jp	02/10/10	jp		
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
Bromochloromethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Tetrahydrofuran	<90 ug/L	90	1	02/10/10	jp	02/10/10	jp	N	
Chloroform	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Carbon tetrachloride	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Benzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
1,2-Dichloroethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Cyclohexane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
Trichloroethene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Dibromomethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Bromodichloromethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-05 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
4-Methyl-2-pentanone	<50 ug/L	50	1	02/10/10	jp	02/10/10	jp		
Toluene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Tetrachloroethene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
2-Hexanone	<50 ug/L	50	1	02/10/10	jp	02/10/10	jp		
Dibromochloromethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Chlorobenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Ethylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
m,p-Xylene	<2.0 ug/L	2.0	1	02/10/10	jp	02/10/10	jp	N	
o-Xylene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp	N	
Xylenes, total	<3.0 ug/L	3.0	1	02/10/10	jp	02/10/10	jp	N	
Styrene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Bromoform	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Isopropylbenzene	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Bromobenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
n-Propylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
t-Butyl Benzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
sec-Butylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
p-Isopropyltoluene	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
n-Butylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp	N	
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
1,2-Dibromo-3-chloropropane	<1.0 ug/L	1.0	1	02/10/10	jp	02/10/10	jp		
Hexachloroethane	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		
Naphthalene	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10B107  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B107-05 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/10/10 11:42

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
2-Methylnaphthalene	<5.0 ug/L	5.0	1	02/10/10	jp	02/10/10	jp	N	
<b>Surrogates:</b>									
1,2-Dichloroethane-d4	99 %	70-133	1	02/10/10	jp	02/10/10	jp		
Toluene-d8	104 %	76-125	1	02/10/10	jp	02/10/10	jp		
4-Bromofluorobenzene	99 %	71-123	1	02/10/10	jp	02/10/10	jp		
1,2-Dichlorobenzene-d4	91 %	72-123	1	02/10/10	jp	02/10/10	jp		

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## QUALITY CONTROL RESULTS

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014865

Analysis Description: TCLP Extraction, SVOC

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014871

Analysis Description: Barium, Total

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Method: EPA 6010B

### METHOD BLANK: T014871-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Barium	mg/kg dry	<1.0	1.0	
Cadmium	mg/kg dry	<0.20	0.20	
Chromium	mg/kg dry	<2.0	2.0	
Copper	mg/kg dry	<1.0	1.0	
Nickel	mg/kg dry	<1.0	1.0	
Lead	mg/kg dry	<1.0	1.0	
Vanadium	mg/kg dry	<1.0	1.0	
Zinc	mg/kg dry	<1.0	1.0	

### LABORATORY CONTROL SAMPLE: T014871-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Barium	mg/kg dry	40.0	37.7	94	80-120	
Cadmium	mg/kg dry	40.0	39.4	98	80-120	
Chromium	mg/kg dry	40.0	38.6	96	80-120	
Copper	mg/kg dry	40.0	37.8	94	80-120	
Nickel	mg/kg dry	40.0	38.5	96	80-120	
Lead	mg/kg dry	40.0	38.2	96	80-120	
Vanadium	mg/kg dry	40.0	38.6	96	80-120	
Zinc	mg/kg dry	40.0	40.3	101	80-120	

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014871-MSD1

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Barium	mg/kg dry	103	39.8	123	142	53	98	75-125	60	20	202
Cadmium	mg/kg dry	3.26	39.8	35.7	40.5	84	93	75-125	11	20	
Chromium	mg/kg dry	16.2	39.8	48.0	51.2	82	88	75-125	7	20	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014871-MSD1**

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
<b>Copper</b>	<b>mg/kg dry</b>	<b>40.0</b>	<b>39.8</b>	<b>68.2</b>	<b>75.2</b>	<b>73</b>	<b>88</b>	<b>75-125</b>	<b>19</b>	<b>20</b>	<b>208</b>
Nickel	mg/kg dry	13.8	39.8	44.9	48.8	80	88	75-125	9	20	
<b>Lead</b>	<b>mg/kg dry</b>	<b>36.2</b>	<b>39.8</b>	<b>59.5</b>	<b>68.3</b>	<b>60</b>	<b>81</b>	<b>75-125</b>	<b>29</b>	<b>20</b>	<b>202</b>
Vanadium	mg/kg dry	27.4	39.8	59.9	62.7	84	88	75-125	6	20	
<b>Zinc</b>	<b>mg/kg dry</b>	<b>69.1</b>	<b>39.8</b>	<b>94.5</b>	<b>105</b>	<b>66</b>	<b>90</b>	<b>75-125</b>	<b>32</b>	<b>20</b>	<b>202</b>

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014888

Analysis Description: Zinc, TCLP

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Method: EPA 6010B

**METHOD BLANK: T014888-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

**METHOD BLANK: T014888-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

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#### METHOD BLANK: T014888-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014888-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	92	80-120	
Arsenic	mg/L	0.0556	<0.30	94	80-120	
Barium	mg/L	0.889	<1.0	98	80-120	
Cadmium	mg/L	0.0278	<0.10	98	80-120	
Chromium	mg/L	0.0278	<0.50	96	80-120	
Copper	mg/L	0.889	0.872	98	80-120	
Nickel	mg/L	0.889	0.870	98	80-120	
Lead	mg/L	0.0556	<0.50	102	80-120	
Selenium	mg/L	0.0556	<0.60	83	80-120	
Zinc	mg/L	0.889	0.862	97	80-120	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014854

Analysis Description: Silver, Total

QC Batch Method: EPA 3051 Microwave Assisted Digestion

Analysis Method: EPA 6020

#### METHOD BLANK: T014854-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/kg dry	<0.10	0.10	

#### LABORATORY CONTROL SAMPLE: T014854-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/kg dry	5.00	5.18	104	80-120	

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**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014854-MSD1**

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/kg dry	0.100	4.98	4.51	4.16	89	82	75-125	9	20	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014871

Analysis Description: Selenium, Total

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Method: EPA 6020

**METHOD BLANK: T014871-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/kg dry	<0.10	0.10	
Selenium	mg/kg dry	<0.20	0.20	

**LABORATORY CONTROL SAMPLE: T014871-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Arsenic	mg/kg dry	5.00	4.60	92	80-120	
Selenium	mg/kg dry	5.00	4.13	83	80-120	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014871-MSD1**

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Arsenic	mg/kg dry	6.40	4.98	9.94	11.3	73	98	75-125	29	20	202
Selenium	mg/kg dry	0.681	4.98	4.00	4.47	68	76	75-125	11	20	208

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014870

Analysis Description: Mercury, TCLP

QC Batch Method: EPA 7470A Prep

Analysis Method: EPA 7470A

**METHOD BLANK: T014870-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**METHOD BLANK: T014870-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

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#### METHOD BLANK: T014870-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

#### LABORATORY CONTROL SAMPLE: T014870-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	103	80-120	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014871

Analysis Description: Mercury, Total, EPA 7470/7471

QC Batch Method: EPA 3051 Microwave Assisted

Analysis Method: EPA 7471A

#### METHOD BLANK: T014871-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/kg dry	<0.050	0.050	

#### LABORATORY CONTROL SAMPLE: T014871-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/kg dry	0.200	0.188	94	77-122	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014871-MSD1

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/kg dry	0.0957	0.199	0.251	0.247	80	76	76-123	6	20	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014864

Analysis Description: TCLP Extraction, Metals

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014866

Analysis Description: TCLP ZHE, Volatiles

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

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QC Batch: T014892

Analysis Description: TCLP Pesticides

QC Batch Method: EPA 3510C Separatory Funnel

Analysis Method: EPA 8081A

**METHOD BLANK: T014892-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.00005 0	0.000050	
Endrin	mg/L	<0.00001 0	0.000010	
gamma-BHC (Lindane)	mg/L	<0.00001 0	0.000010	
Heptachlor	mg/L	<0.00001 0	0.000010	
Heptachlor epoxide	mg/L	<0.00001 0	0.000010	
Methoxychlor	mg/L	<0.00001 0	0.000010	
Toxaphene	mg/L	<0.00050	0.00050	
Tetrachloro-m-xylene (S)	%	50	38-94	
Decachlorobiphenyl (S)	%	61	40-93	

**LABORATORY CONTROL SAMPLE: T014892-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Endrin	mg/L	0.0000500	0.000035 6	71	31-145	
gamma-BHC (Lindane)	mg/L	0.0000500	0.000033 3	67	38-125	
Heptachlor	mg/L	0.0000500	0.000032 7	65	34-124	
Heptachlor epoxide	mg/L	0.0000500	0.000038 9	78	35-125	
Methoxychlor	mg/L	0.0000500	0.000035 4	71	54-109	
Tetrachloro-m-xylene (S)	%	0.000100	0.000064 0	64	38-94	
Decachlorobiphenyl (S)	%	0.000100	0.000066 8	67	40-93	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014855

Analysis Description: PCBs

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8082

**METHOD BLANK: T014855-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1016	mg/kg wet	<0.33	0.33	
Aroclor-1221	mg/kg wet	<0.33	0.33	
Aroclor-1232	mg/kg wet	<0.33	0.33	
Aroclor-1242	mg/kg wet	<0.33	0.33	

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#### METHOD BLANK: T014855-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Aroclor-1248	mg/kg wet	<0.33	0.33	
Aroclor-1254	mg/kg wet	<0.33	0.33	
Aroclor-1260	mg/kg wet	<0.33	0.33	
Tetrachloro-m-xylene (S)	%	74	40-113	
Decachlorobiphenyl (S)	%	77	32-111	

#### LABORATORY CONTROL SAMPLE: T014855-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Aroclor-1016	mg/kg wet	0.667	0.463	69	51-110	
Aroclor-1260	mg/kg wet	0.667	0.521	78	49-110	
Tetrachloro-m-xylene (S)	%	0.0333	0.0309	93	40-113	
Decachlorobiphenyl (S)	%	0.0333	0.0324	97	32-111	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014893

Analysis Description: TCLP Herbicides

QC Batch Method: EPA 8151

Analysis Method: EPA 8151A

#### METHOD BLANK: T014893-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.0020	0.0020	
2,4,5-TP (Silvex)	mg/L	<0.0010	0.0010	
2,4-Dichlorophenylacetic acid (S)	%	81	39-125	

#### LABORATORY CONTROL SAMPLE: T014893-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-D	mg/L	0.00400	0.00354	88	40-129	
2,4,5-TP (Silvex)	mg/L	0.00400	0.00319	80	56-121	
2,4-Dichlorophenylacetic acid (S)	%	0.00800	0.00862	108	39-125	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014811

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3550B Ultrasonic Extraction

Analysis Method: EPA 8270C

#### METHOD BLANK: T014811-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	mg/kg wet	<0.083	0.083	

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#### METHOD BLANK: T014811-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrobenzene-d5 (S)	%	67	36-98	
2-Fluorobiphenyl (S)	%	69	44-105	
Terphenyl-d14 (S)	%	88	46-109	

#### LABORATORY CONTROL SAMPLE: T014811-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Chlorophenol	mg/kg wet	3.39	2.76	81	49-93	
Phenol	mg/kg wet	3.32	2.37	71	40-90	
1,4-Dichlorobenzene	mg/kg wet	1.75	1.39	79	37-106	
N-Nitrosodi-n-propylamine	mg/kg wet	1.49	1.23	83	51-106	
1,2,4-Trichlorobenzene	mg/kg wet	1.81	1.48	81	49-100	
4-Chloro-3-methylphenol	mg/kg wet	3.46	2.72	79	50-96	
Acenaphthene	mg/kg wet	1.75	1.34	76	52-105	
2,4-Dinitrotoluene	mg/kg wet	1.70	1.36	80	51-108	
4-Nitrophenol	mg/kg wet	3.32	2.30	69	22-112	
Pentachlorophenol	mg/kg wet	3.42	2.88	84	30-111	
Pyrene	mg/kg wet	1.75	1.45	83	47-114	
2-Fluorophenol (S)	%	3.32	2.68	81	38-81	
Phenol-d5 (S)	%	3.32	2.65	80	32-102	
Nitrobenzene-d5 (S)	%	3.32	2.65	80	36-98	
2-Fluorobiphenyl (S)	%	3.32	2.67	80	44-105	
2,4,6-Tribromophenol (S)	%	3.32	2.96	89	38-101	
Terphenyl-d14 (S)	%	3.32	3.07	92	46-109	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014873

Analysis Description: TCLP Semi-Volatiles

QC Batch Method: EPA 3510C Separatory Funnel

Analysis Method: EPA 8270C

#### METHOD BLANK: T014873-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	

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#### METHOD BLANK: T014873-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	30	20-53	
Phenol-d5 (S)	%	17	11-40	
Nitrobenzene-d5 (S)	%	49	36-103	
2-Fluorobiphenyl (S)	%	43	36-119	
2,4,6-Tribromophenol (S)	%	68	30-105	
Terphenyl-d14 (S)	%	74	37-109	

#### LABORATORY CONTROL SAMPLE: T014873-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0510	0.0354	69	39-105	
Pentachlorophenol	mg/L	0.103	0.0788	76	38-102	
2-Fluorophenol (S)	%	0.100	0.0415	42	20-53	
Phenol-d5 (S)	%	0.100	0.0254	25	11-40	
Nitrobenzene-d5 (S)	%	0.100	0.0672	67	36-103	
2-Fluorobiphenyl (S)	%	0.100	0.0646	65	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0827	83	30-105	
Terphenyl-d14 (S)	%	0.100	0.0867	87	37-109	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014980

Analysis Description: Gasoline Range Organics

QC Batch Method: SW846 5035 Purge-and-Trap for Solids

Analysis Method: EPA 8015

#### METHOD BLANK: T014980-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	109	80-130	

#### METHOD BLANK: T014980-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	106	80-130	

#### LABORATORY CONTROL SAMPLE: T014980-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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#### LABORATORY CONTROL SAMPLE: T014980-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	22.3	112	80-120	
Fluorobenzene (S)	%	100	107	107	80-130	

#### LABORATORY CONTROL SAMPLE: T014980-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	21.7	108	80-120	
Fluorobenzene (S)	%	100	105	105	80-130	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014835

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

#### METHOD BLANK: T014835-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	ug/L	<5.0	5.0	
Chloromethane	ug/L	<5.0	5.0	
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<5.0	5.0	
Chloroethane	ug/L	<5.0	5.0	
Trichlorofluoromethane	ug/L	<1.0	1.0	
Diethyl ether	ug/L	<10	10	
Tert-butyl alcohol	ug/L	<50	50	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<50	50	
Iodomethane	ug/L	<1.0	1.0	
Carbon disulfide	ug/L	<5.0	5.0	
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Methylene chloride	ug/L	<5.0	5.0	
Acrylonitrile	ug/L	<2.0	2.0	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
Diisopropyl Ether	ug/L	<5.0	5.0	
2-Butanone	ug/L	<25	25	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	
t-Butyl Ethyl Ether	ug/L	<5.0	5.0	
Bromochloromethane	ug/L	<1.0	1.0	
Tetrahydrofuran	ug/L	<90	90	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	

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**METHOD BLANK: T014835-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
t-Amyl Methyl Ether	ug/L	<5.0	5.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
Cyclohexane	ug/L	<5.0	5.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Dibromomethane	ug/L	<5.0	5.0	
Bromodichloromethane	ug/L	<1.0	1.0	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<50	50	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<50	50	
Dibromochloromethane	ug/L	<5.0	5.0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
Isopropylbenzene	ug/L	<5.0	5.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	
Bromobenzene	ug/L	<1.0	1.0	
n-Propylbenzene	ug/L	<1.0	1.0	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	
t-Butyl Benzene	ug/L	<1.0	1.0	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	
sec-Butylbenzene	ug/L	<1.0	1.0	
p-Isopropyltoluene	ug/L	<5.0	5.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	
n-Butylbenzene	ug/L	<1.0	1.0	
1,2,3-Trimethylbenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	
Hexachloroethane	ug/L	<5.0	5.0	
1,2,4-Trichlorobenzene	ug/L	<5.0	5.0	
Naphthalene	ug/L	<5.0	5.0	

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#### METHOD BLANK: T014835-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
1,2,3-Trichlorobenzene	ug/L	<5.0	5.0	
2-Methylnaphthalene	ug/L	<5.0	5.0	
1,2-Dichloroethane-d4 (S)	%	98	70-133	
Toluene-d8 (S)	%	104	76-125	
4-Bromofluorobenzene (S)	%	100	71-123	
1,2-Dichlorobenzene-d4 (S)	%	91	72-123	

#### LABORATORY CONTROL SAMPLE: T014835-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	20.0	17.1	86	64-156	
Benzene	ug/L	20.0	18.9	95	80-120	
Trichloroethene	ug/L	20.0	19.7	98	69-133	
Toluene	ug/L	20.0	18.9	94	80-120	
Chlorobenzene	ug/L	20.0	18.7	94	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	44.4	99	70-133	
Toluene-d8 (S)	%	45.0	46.8	104	76-125	
4-Bromofluorobenzene (S)	%	45.0	44.6	99	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	43.2	96	72-123	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014910

Analysis Description: TCLP Volatiles

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

#### METHOD BLANK: T014910-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.0010	0.0010	
1,1-Dichloroethene	mg/L	<0.0010	0.0010	
2-Butanone	mg/L	<0.0050	0.0050	
Chloroform	mg/L	<0.0010	0.0010	
Carbon tetrachloride	mg/L	<0.0010	0.0010	
Benzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane	mg/L	<0.0010	0.0010	
Trichloroethene	mg/L	<0.0010	0.0010	
Tetrachloroethene	mg/L	<0.0010	0.0010	
Chlorobenzene	mg/L	<0.0010	0.0010	
1,4-Dichlorobenzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane-d4 (S)	%	97	70-133	
Toluene-d8 (S)	%	103	76-125	
4-Bromofluorobenzene (S)	%	104	72-123	
1,2-Dichlorobenzene-d4 (S)	%	94	71-123	

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LABORATORY CONTROL SAMPLE: T014910-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	0.0200	0.0154	77	47-184	
1,1-Dichloroethene	mg/L	0.0200	0.0164	82	64-156	
2-Butanone	mg/L	0.0200	0.0172	86	70-130	
Chloroform	mg/L	0.0200	0.0187	94	80-120	
Carbon tetrachloride	mg/L	0.0200	0.0196	98	79-141	
Benzene	mg/L	0.0200	0.0185	93	80-120	
1,2-Dichloroethane	mg/L	0.0200	0.0189	95	80-120	
Trichloroethene	mg/L	0.0200	0.0199	100	69-133	
Tetrachloroethene	mg/L	0.0200	0.0182	91	70-120	
Chlorobenzene	mg/L	0.0200	0.0184	92	80-120	
1,4-Dichlorobenzene	mg/L	0.0200	0.0170	85	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	43.8	97	70-133	
Toluene-d8 (S)	%	45.0	46.0	102	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.3	103	72-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	44.1	98	71-123	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014910-MSD1

Original: T10B107-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Vinyl chloride	mg/L	0	20.0	16.7	14.7	83	74	60-153	12	13	
1,1-Dichloroethene	mg/L	0	20.0	18.1	16.2	90	81	60-146	11	15	
2-Butanone	mg/L	0	20.0	19.2	17.7	96	88	60-140	8	23	
Chloroform	mg/L	0	20.0	20.5	18.6	103	93	68-124	10	13	
Carbon tetrachloride	mg/L	0	20.0	20.4	18.4	102	92	68-125	10	12	
Benzene	mg/L	0	20.0	20.4	18.3	102	92	78-114	11	11	
1,2-Dichloroethane	mg/L	0	20.0	20.9	19.0	104	95	63-132	9	11	
Trichloroethene	mg/L	0	20.0	21.5	19.3	108	96	70-117	11	14	
<b>Tetrachloroethene</b>	<b>mg/L</b>	<b>0</b>	<b>20.0</b>	<b>20.6</b>	<b>18.0</b>	<b>103</b>	<b>90</b>	<b>57-126</b>	<b>14</b>	<b>12</b>	<b>207</b>
<b>Chlorobenzene</b>	<b>mg/L</b>	<b>0</b>	<b>20.0</b>	<b>20.6</b>	<b>18.1</b>	<b>103</b>	<b>90</b>	<b>75-116</b>	<b>13</b>	<b>12</b>	<b>207</b>
1,4-Dichlorobenzene	mg/L	0	20.0	20.3	16.9	101	84	69-118	18	18	
1,2-Dichloroethane-d4 (S)	%		45.0	44.0	43.5	98	97	70-133			
Toluene-d8 (S)	%		45.0	46.7	45.9	104	102	76-125			
4-Bromofluorobenzene (S)	%		45.0	46.4	46.7	103	104	72-123			
1,2-Dichlorobenzene-d4 (S)	%		45.0	44.6	44.2	99	98	71-123			

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014931

Analysis Description: Volatiles, Target Compound List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and

Analysis Method: EPA 8260B

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# **METHOD BLANK: T014931-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloromethane	ug/kg wet	<250	250	
Vinyl chloride	ug/kg wet	<40	40	
Bromomethane	ug/kg wet	<200	200	
Chloroethane	ug/kg wet	<250	250	
1,1-Dichloroethene	ug/kg wet	<50	50	
Acetone	ug/kg wet	<1000	1000	
Carbon disulfide	ug/kg wet	<250	250	
Methylene chloride	ug/kg wet	<250	250	
1,1-Dichloroethane	ug/kg wet	<50	50	
2-Butanone	ug/kg wet	<750	750	
1,2-Dichloroethene (total)	ug/kg wet	<100	100	
Chloroform	ug/kg wet	<50	50	
1,1,1-Trichloroethane	ug/kg wet	<50	50	
Carbon tetrachloride	ug/kg wet	<50	50	
Benzene	ug/kg wet	<50	50	
1,2-Dichloroethane	ug/kg wet	<50	50	
Trichloroethene	ug/kg wet	<50	50	
1,2-Dichloropropane	ug/kg wet	<50	50	
Bromodichloromethane	ug/kg wet	<100	100	
cis-1,3-Dichloropropene	ug/kg wet	<50	50	
4-Methyl-2-pentanone	ug/kg wet	<2500	2500	
Toluene	ug/kg wet	<100	100	
trans-1,3-Dichloropropene	ug/kg wet	<50	50	
1,1,2-Trichloroethane	ug/kg wet	<50	50	
Tetrachloroethene	ug/kg wet	<50	50	
2-Hexanone	ug/kg wet	<2500	2500	
Dibromochloromethane	ug/kg wet	<100	100	
Chlorobenzene	ug/kg wet	<50	50	
Ethylbenzene	ug/kg wet	<50	50	
m,p-Xylene	ug/kg wet	<100	100	
o-Xylene	ug/kg wet	<50	50	
Xylenes, total	ug/kg wet	<150	150	
Styrene	ug/kg wet	<50	50	
Bromoform	ug/kg wet	<100	100	
1,1,2,2-Tetrachloroethane	ug/kg wet	<50	50	
1,2-Dichloroethane-d4 (S)	%	100	70-133	
Toluene-d8 (S)	%	105	76-125	
4-Bromofluorobenzene (S)	%	100	71-123	
1,2-Dichlorobenzene-d4 (S)	%	92	72-123	

# **LABORATORY CONTROL SAMPLE: T014931-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/kg wet	1000	828	83	64-156	

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#### LABORATORY CONTROL SAMPLE: T014931-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/kg wet	1000	903	90	80-120	
Trichloroethene	ug/kg wet	1000	921	92	69-133	
Toluene	ug/kg wet	1000	934	93	80-120	
Chlorobenzene	ug/kg wet	1000	924	92	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	44.8	100	70-133	
Toluene-d8 (S)	%	45.0	47.1	105	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.2	103	71-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	43.9	98	72-123	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014933

Analysis Description: Volatiles, Target Compound List

QC Batch Method: EPA 5035 Purge-and-Trap for Solids and

Analysis Method: EPA 8260B

#### METHOD BLANK: T014933-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chloromethane	ug/kg wet	<250	250	
Vinyl chloride	ug/kg wet	<40	40	
Bromomethane	ug/kg wet	<200	200	
Chloroethane	ug/kg wet	<250	250	
1,1-Dichloroethene	ug/kg wet	<50	50	
Acetone	ug/kg wet	<1000	1000	
Carbon disulfide	ug/kg wet	<250	250	
Methylene chloride	ug/kg wet	<250	250	
1,1-Dichloroethane	ug/kg wet	<50	50	
2-Butanone	ug/kg wet	<750	750	
1,2-Dichloroethene (total)	ug/kg wet	<100	100	
Chloroform	ug/kg wet	<50	50	
1,1,1-Trichloroethane	ug/kg wet	<50	50	
Carbon tetrachloride	ug/kg wet	<50	50	
Benzene	ug/kg wet	<50	50	
1,2-Dichloroethane	ug/kg wet	<50	50	
Trichloroethene	ug/kg wet	<50	50	
1,2-Dichloropropane	ug/kg wet	<50	50	
Bromodichloromethane	ug/kg wet	<100	100	
cis-1,3-Dichloropropene	ug/kg wet	<50	50	
4-Methyl-2-pentanone	ug/kg wet	<2500	2500	
Toluene	ug/kg wet	<100	100	
trans-1,3-Dichloropropene	ug/kg wet	<50	50	
1,1,2-Trichloroethane	ug/kg wet	<50	50	
Tetrachloroethene	ug/kg wet	<50	50	
2-Hexanone	ug/kg wet	<2500	2500	
Dibromochloromethane	ug/kg wet	<100	100	

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#### METHOD BLANK: T014933-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlorobenzene	ug/kg wet	<50	50	
Ethylbenzene	ug/kg wet	<50	50	
m,p-Xylene	ug/kg wet	<100	100	
o-Xylene	ug/kg wet	<50	50	
Xylenes, total	ug/kg wet	<150	150	
Styrene	ug/kg wet	<50	50	
Bromoform	ug/kg wet	<100	100	
1,1,2,2-Tetrachloroethane	ug/kg wet	<50	50	
1,2-Dichloroethane-d4 (S)	%	92	70-133	
Toluene-d8 (S)	%	100	76-125	
4-Bromofluorobenzene (S)	%	94	71-123	
1,2-Dichlorobenzene-d4 (S)	%	99	72-123	

#### LABORATORY CONTROL SAMPLE: T014933-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/kg wet	1000	971	97	64-156	
Benzene	ug/kg wet	1000	970	97	80-120	
Trichloroethene	ug/kg wet	1000	976	98	69-133	
Toluene	ug/kg wet	1000	982	98	80-120	
Chlorobenzene	ug/kg wet	1000	995	100	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	27.1	90	70-133	
Toluene-d8 (S)	%	30.0	30.8	103	76-125	
4-Bromofluorobenzene (S)	%	30.0	29.2	97	71-123	
1,2-Dichlorobenzene-d4 (S)	%	30.0	29.9	100	72-123	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014833

Analysis Description: Solids, Dry Weight

QC Batch Method: % Solids

Analysis Method: % Calculation

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014929

Analysis Description: Flash Point (Ignitability)

QC Batch Method: EPA 1010

Analysis Method: EPA 1010

#### LABORATORY CONTROL SAMPLE: T014929-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

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QC Batch: T014856

Analysis Description: Cyanide, Total

QC Batch Method: EPA 9012B

Analysis Method: EPA 9012B

**METHOD BLANK: T014856-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide (total)	mg/kg wet	<0.12	0.12	

**LABORATORY CONTROL SAMPLE: T014856-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide (total)	mg/kg wet	4.00	3.58	89	81-111	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014852

Analysis Description: Halides, Total

QC Batch Method: EPA 9023

Analysis Method: EPA 9023

**METHOD BLANK: T014852-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Extractable Organic Halides	mg/kg wet	<50	50	

**LABORATORY CONTROL SAMPLE: T014852-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Extractable Organic Halides	mg/kg wet	500	390	78	70-124	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014841

Analysis Description: Corrosivity (pH for waste), 9040/9045

QC Batch Method: EPA 9045C

Analysis Method: EPA 9045C

**SAMPLE DUPLICATE: T014841-DUP1**

Original: T10B107-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Corrosivity-pH	pH Units	7.58	7.58	0	200	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014848

Analysis Description: Reactivity - Cyanide

QC Batch Method: EPA Chapter 7.3

Analysis Method: EPA Chapter 7.3

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#### METHOD BLANK: T014848-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide, Reactive	mg/kg wet	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014848-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/kg wet	0.200	<0.50	95	79-116	

#### LABORATORY CONTROL SAMPLE: T014848-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/kg wet	0.200	<0.50	100	79-116	

#### LABORATORY CONTROL SAMPLE: T014848-BS3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/kg wet	0.200	<0.50	100	79-116	

#### LABORATORY CONTROL SAMPLE: T014848-BS4

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/kg wet	0.200	<0.50	100	79-116	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014848-MSD1

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Cyanide, Reactive	mg/kg dry	0	2.35	2.11	2.14	90	91	64-129	2	14	

Trace Project ID: T10B107

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014876

Analysis Description: Reactivity - Sulfide

QC Batch Method: EPA Chapter 7.3

Analysis Method: EPA Chapter 7.3

#### METHOD BLANK: T014876-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Sulfide, Reactive	mg/kg wet	<5.0	5.0	

#### LABORATORY CONTROL SAMPLE: T014876-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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**LABORATORY CONTROL SAMPLE: T014876-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	25.0	28.8	115	74-126	

**LABORATORY CONTROL SAMPLE: T014876-BS2**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	25.0	25.9	104	74-126	

**LABORATORY CONTROL SAMPLE: T014876-BS3**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	25.0	25.1	100	74-126	

**LABORATORY CONTROL SAMPLE: T014876-BS4**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/kg wet	25.0	31.4	125	74-126	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014876-MSD1**

Original: T10B107-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Sulfide, Reactive	mg/kg dry	2.76	29.3	31.5	33.3	98	104	52-115	6	27	

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# CHAIN-OF-CUSTODY RECORD

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Muskegon, MI 49444-2673  
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TRACE ID NO.

T10B107

Report Results To:	Client Name: <u>RMT INC</u>				Logged By: <u>[Signature]</u>		Checked By: <u>[Signature]</u>			
	Contact Person: <u>JENNIFER OVERVOORDE</u>				Received on ice: <u>Yes</u> No		Preservative Checked: Yes No <u>N/A</u>			
	Mailing Address: <u>2005 E. BELTLINE AVE SE SUITE 402</u>				Soil Volatiles Preserved: <u>MeOH</u> En Core <u>Low Level</u> Lab					
	City, State, Zip Code: <u>Grand Rapids MI 49546</u>									
Request for Analytical Services	Phone: <u>616 975 5415</u>		Fax: <u>616 975 1098</u>		Regulatory Requirements					
	Email Address: <u>JENNIFER.OVERVOORDE@RMTINC.COM</u>		Project #: <u>6527.40</u>		PO #: <u></u>		Trace Quote #: <u></u>			
	Project Name: <u>LEC MW19HS1 REMEDIATION</u>		Sampled by: <u>SP</u>		Turnaround Requirements					
	Billing Address (if different): <u></u>		City, State, Zip Code: <u>Madison WI</u>		Attn: <u></u>		Phone: <u></u> Fax: <u></u>			
Please Sign	Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1	[Signature]	[Signature]	2/9/10	1730	3	[Signature]	[Signature]		
	2	[Signature]	[Signature]	2/10/10	11:42	4	[Signature]	[Signature]		

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### SAMPLE LOG IN CHECKLIST

Date: <u>2/10/10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T10B107</u>		Project Name: <u>MLW19881</u>		Cooler #s: <u>—</u>	
		Logged in by: <u>AMS</u>		Cooler #s: <u>—</u>	

Cooler Receipt			
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>	Hand delivered <input type="checkbox"/>
		Commercial courier <input checked="" type="checkbox"/>	Name of delivery person: _____
		UPS <input type="checkbox"/>	DHL <input type="checkbox"/>
		FED EX <input checked="" type="checkbox"/>	US Mail <input type="checkbox"/>
Did cooler come with a bill of lading?		No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
		Not Applicable <input checked="" type="checkbox"/>	
Custody seals signed by Client?		No <input type="checkbox"/>	Yes <input type="checkbox"/>
		Client custody seal # (if applicable): _____	

Coolant and Temperature			
Type of Coolant Used		Cooler Temperature      Correction Factor _____ °C	
		Date: <u>2/10/10</u> Time: <u>11:43</u>	
Slurry w/ crushed, cubed, or chip ice? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Blank: _____ °C	
Multiple bags of ice around samples? <input type="checkbox"/> Yes <input type="checkbox"/> No		Range of 3 samples: <u>1.8-4.4</u> °C	
Ice Packs/ Blue Ice : <input type="checkbox"/> Yes <input type="checkbox"/> No		Melt Water: _____ °C	
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

General			
	Yes	No	NA
COC taped to inside of cooler lid?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact: _____		Date: _____	

**Notes:**

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February 19, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace Project T10B127  
Client Project LEC MW19HS1 Remediation / 6527.40

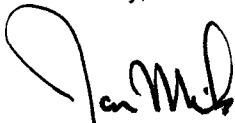
Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures



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## SAMPLE SUMMARY

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B127-01	SS-Sub Slab Fill-1-Composite	Soil	sp	02/11/10 13:00	02/12/10 10:31
T10B127-02	SS-Sub Slab Fill-1-Grab	Soil	sp	02/11/10 13:00	02/12/10 10:31
T10B127-03	SS-Sub Slab Fill-2-Composite	Soil	sp	02/11/10 14:20	02/12/10 10:31
T10B127-04	SS-Sub Slab Fill-2-Grab	Soil	sp	02/11/10 14:20	02/12/10 10:31
T10B127-05	SS-Sub Slab Fill-3-Composite	Soil	sp	02/11/10 14:45	02/12/10 10:31
T10B127-06	SS-Sub Slab Fill-3-Grab	Soil	sp	02/11/10 14:45	02/12/10 10:31
T10B127-07	SS-Sub Slab Fill-4	Soil	sp	02/11/10 12:30	02/12/10 10:31
T10B127-08	SS-Sub Slab Fill-5	Soil	sp	02/11/10 12:40	02/12/10 10:31
T10B127-09	SS-Sub Slab Fill-6	Soil	sp	02/11/10 12:45	02/12/10 10:31
T10B127-10	SS-Sub Slab Fill-7	Soil	sp	02/11/10 12:50	02/12/10 10:31
T10B127-11	SS-Sub Slab Fill-8	Soil	sp	02/11/10 13:25	02/12/10 10:31
T10B127-12	SS-Sub Slab Fill-9	Soil	sp	02/11/10 13:30	02/12/10 10:31
T10B127-13	SS-Sub Slab Fill-10	Soil	sp	02/11/10 13:35	02/12/10 10:31
T10B127-14	SS-Sub Slab Fill-11	Soil	sp	02/11/10 13:40	02/12/10 10:31
T10B127-15	SS-Sub Slab Fill-12	Soil	sp	02/11/10 13:45	02/12/10 10:31
T10B127-16	SS-Sub Slab Fill-13	Soil	sp	02/11/10 13:50	02/12/10 10:31
T10B127-17	SS-Sub Slab Fill-14	Soil	sp	02/11/10 13:55	02/12/10 10:31
T10B127-18	SS-Sub Slab Fill-15	Soil	sp	02/11/10 14:00	02/12/10 10:31
T10B127-19	SS-Sub Slab Fill-16	Soil	sp	02/11/10 14:05	02/12/10 10:31
T10B127-20	SS-Sub Slab Fill-17	Soil	sp	02/11/10 14:10	02/12/10 10:31
T10B127-21	SS-Sub Slab Fill-18	Soil	sp	02/11/10 14:15	02/12/10 10:31
T10B127-22	SS-Sub Slab Fill-19	Soil	sp	02/11/10 14:30	02/12/10 10:31
T10B127-23	SS-Sub Slab Fill-20	Soil	sp	02/11/10 14:35	02/12/10 10:31
T10B127-24	SS-Sub Slab Fill-21	Soil	sp	02/11/10 14:40	02/12/10 10:31
T10B127-25	Trip Blank	Water	sp	02/02/10	02/12/10 10:31

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**AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT**

**DEFINITIONS**

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

**DATA QUALIFIERS**

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Trace ID: T10B127-01

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<b>Flashpoint</b>	Note F-02 : > 200
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Trace ID: T10B127-03

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<b>Flashpoint</b>	Note F-02 : > 200
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Trace ID: T10B127-05

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<b>Flashpoint</b>	Note F-02 : > 200
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-01 Date Collected: 02/11/10 13:00 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-1-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014873

Pyridine	<0.40 mg/L	0.40	2	02/15/10	kb	02/16/10	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/15/10	kb	02/16/10	avl		100

#### Surrogates:

2-Fluorophenol	35 %	20-53	2	02/15/10	kb	02/16/10	avl		
Phenol-d5	19 %	11-40	2	02/15/10	kb	02/16/10	avl		
Nitrobenzene-d5	59 %	36-103	2	02/15/10	kb	02/16/10	avl		
2-Fluorobiphenyl	52 %	36-119	2	02/15/10	kb	02/16/10	avl		
2,4,6-Tribromophenol	66 %	30-105	2	02/15/10	kb	02/16/10	avl		
Terphenyl-d14	72 %	37-109	2	02/15/10	kb	02/16/10	avl		

### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014892

Chlordane	<0.00050 mg/L	0.00050	1	02/16/10	kb	02/17/10	tim		0.030
Endrin	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		10
Toxaphene	<0.0050 mg/L	0.0050	1	02/16/10	kb	02/17/10	tim		0.50

#### Surrogates:

Tetrachloro-m-xylene	57 %	38-94	1	02/16/10	kb	02/17/10	tim	N	
Decachlorobiphenyl	60 %	40-93	1	02/16/10	kb	02/17/10	tim	N	

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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-01 Date Collected: 02/11/10 13:00 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-1-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014893

2,4-D	<0.050 mg/L	0.050	1	02/16/10	kb	02/18/10	tim	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/16/10	kb	02/18/10	tim	N	1.0

#### Surrogates:

2,4-Dichlorophenylacetic acid	94 %	39-125	1	02/16/10	kb	02/18/10	tim	N	
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### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014888

Arsenic	<0.30 mg/L	0.30	1	02/15/10	jd	02/17/10	jlm		5.0
Barium	<1.0 mg/L	1.0	1	02/15/10	jd	02/17/10	jlm		100
Cadmium	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		1.0
Chromium	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Copper	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Lead	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Nickel	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Selenium	<0.60 mg/L	0.60	1	02/15/10	jd	02/17/10	jlm		1.0
Silver	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		5.0
Zinc	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		

Analysis Method: EPA 7470A

Batch: T014870

Mercury	<0.010 mg/L	0.010	1	02/15/10	jd	02/15/10	jlm		0.20
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014884

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/15/10	rbp	N	
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Analysis Method: EPA 1010

Batch: T014929

Flashpoint	> 200 °F	1.0	1	02/17/10	sm	02/17/10	sm		
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## ANALYTICAL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B127-01	Date Collected:	02/11/10 13:00	Matrix:	Soil
Sample ID:	SS-Sub Slab Fill-1-Composite	Date Received:	02/12/10 10:31		

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### WET CHEMISTRY

Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	<0.12 mg/kg dry	0.12	1	02/12/10	sm	02/12/10	sm	N	
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Analysis Method: EPA 9045C

Batch: T014904

Corrosivity-pH	8.47 pH Units		1	02/16/10	bd	02/17/10	bd	N	
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Analysis Method: EPA Chapter 7.3

Batch: T014875

Cyanide, Reactive	<0.50 mg/kg dry	0.50	1	02/15/10	sm	02/16/10	sm		
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Sulfide, Reactive	<5.0 mg/kg dry	5.0	1	02/15/10	da	02/16/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-02 Date Collected: 02/11/10 13:00 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-1-Grab Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T014910

Vinyl chloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
2-Butanone	<0.25 mg/L	0.25	50	02/16/10	jp	02/16/10	jp		200
Chloroform	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Benzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		7.5

#### Surrogates:

1,2-Dichloroethane-d4	99 %	70-133	50	02/16/10	jp	02/16/10	jp		
Toluene-d8	104 %	76-125	50	02/16/10	jp	02/16/10	jp		
4-Bromofluorobenzene	107 %	72-123	50	02/16/10	jp	02/16/10	jp		
1,2-Dichlorobenzene-d4	96 %	71-123	50	02/16/10	jp	02/16/10	jp		

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014884

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/15/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-03 Date Collected: 02/11/10 14:20 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-2-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014873

Pyridine	<0.40 mg/L	0.40	2	02/15/10	kb	02/16/10	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/15/10	kb	02/16/10	avl		100

#### Surrogates:

2-Fluorophenol	45 %	20-53	2	02/15/10	kb	02/16/10	avl		
Phenol-d5	25 %	11-40	2	02/15/10	kb	02/16/10	avl		
Nitrobenzene-d5	79 %	36-103	2	02/15/10	kb	02/16/10	avl		
2-Fluorobiphenyl	76 %	36-119	2	02/15/10	kb	02/16/10	avl		
2,4,6-Tribromophenol	84 %	30-105	2	02/15/10	kb	02/16/10	avl		
Terphenyl-d14	94 %	37-109	2	02/15/10	kb	02/16/10	avl		

### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014892

Chlordane	<0.00050 mg/L	0.00050	1	02/16/10	kb	02/17/10	tim		0.030
Endrin	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim		10
Toxaphene	<0.0050 mg/L	0.0050	1	02/16/10	kb	02/17/10	tim		0.50

#### Surrogates:

Tetrachloro-m-xylene	57 %	38-94	1	02/16/10	kb	02/17/10	tim	N	
Decachlorobiphenyl	66 %	40-93	1	02/16/10	kb	02/17/10	tim	N	

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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-03 Date Collected: 02/11/10 14:20 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-2-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014893

2,4-D	<0.050 mg/L	0.050	1	02/16/10	kb	02/18/10	tim	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/16/10	kb	02/18/10	tim	N	1.0
<b>Surrogates:</b>									
2,4-Dichlorophenylacetic acid	93 %	39-125	1	02/16/10	kb	02/18/10	tim	N	

### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014888

Arsenic	<0.30 mg/L	0.30	1	02/15/10	jd	02/17/10	jlm		5.0
Barium	<1.0 mg/L	1.0	1	02/15/10	jd	02/17/10	jlm		100
Cadmium	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		1.0
Chromium	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Copper	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Lead	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Nickel	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Selenium	<0.60 mg/L	0.60	1	02/15/10	jd	02/17/10	jlm		1.0
Silver	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		5.0
Zinc	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		

Analysis Method: EPA 7470A

Batch: T014870

Mercury	<0.010 mg/L	0.010	1	02/15/10	jd	02/15/10	jlm		0.20
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014884

% Solids	93 % by Wt.	0.10	1	02/15/10	rbp	02/15/10	rbp	N	
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Analysis Method: EPA 1010

Batch: T014929

Flashpoint	> 200 °F	1.0	1	02/17/10	sm	02/17/10	sm		
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-03 Date Collected: 02/11/10 14:20 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-2-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### WET CHEMISTRY

#### Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	<0.12 mg/kg dry	0.12	1	02/12/10	sm	02/12/10	sm	N	
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#### Analysis Method: EPA 9045C

Batch: T014904

Corrosivity-pH	8.59 pH Units		1	02/16/10	bd	02/17/10	bd	N	
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#### Analysis Method: EPA Chapter 7.3

Batch: T014875

Cyanide, Reactive	<0.50 mg/kg dry	0.50	1	02/15/10	sm	02/16/10	sm		
Sulfide, Reactive	<5.4 mg/kg dry	5.4	1	02/15/10	da	02/16/10	bd	N	

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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-04 Date Collected: 02/11/10 14:20 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-2-Grab Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T014910

Vinyl chloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
2-Butanone	<0.25 mg/L	0.25	50	02/16/10	jp	02/16/10	jp		200
Chloroform	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Benzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		7.5

#### Surrogates:

1,2-Dichloroethane-d4	99 %	70-133	50	02/16/10	jp	02/16/10	jp		
Toluene-d8	104 %	76-125	50	02/16/10	jp	02/16/10	jp		
4-Bromofluorobenzene	102 %	72-123	50	02/16/10	jp	02/16/10	jp		
1,2-Dichlorobenzene-d4	94 %	71-123	50	02/16/10	jp	02/16/10	jp		

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014884

% Solids	92 % by Wt.	0.10	1	02/15/10	rbp	02/15/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-05 Date Collected: 02/11/10 14:45 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-3-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T014873

Pyridine	<0.40 mg/L	0.40	2	02/15/10	kb	02/16/10	avl	5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	200
Hexachloroethane	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	3.0
Nitrobenzene	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl	2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	02/15/10	kb	02/16/10	avl	2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	02/15/10	kb	02/16/10	avl	0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	02/15/10	kb	02/16/10	avl	100

#### Surrogates:

2-Fluorophenol	33 %	20-53	2	02/15/10	kb	02/16/10	avl
Phenol-d5	18 %	11-40	2	02/15/10	kb	02/16/10	avl
Nitrobenzene-d5	61 %	36-103	2	02/15/10	kb	02/16/10	avl
2-Fluorobiphenyl	56 %	36-119	2	02/15/10	kb	02/16/10	avl
2,4,6-Tribromophenol	64 %	30-105	2	02/15/10	kb	02/16/10	avl
Terphenyl-d14	72 %	37-109	2	02/15/10	kb	02/16/10	avl

### PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T014892

Chlordane	<0.00050 mg/L	0.00050	1	02/16/10	kb	02/17/10	tim	0.030
Endrin	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim	0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim	0.40
Heptachlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim	0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim	0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	02/16/10	kb	02/17/10	tim	10
Toxaphene	<0.0050 mg/L	0.0050	1	02/16/10	kb	02/17/10	tim	0.50

#### Surrogates:

Tetrachloro-m-xylene	67 %	38-94	1	02/16/10	kb	02/17/10	tim	N
Decachlorobiphenyl	73 %	40-93	1	02/16/10	kb	02/17/10	tim	N

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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-05 Date Collected: 02/11/10 14:45 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-3-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T014893

2,4-D	<0.050 mg/L	0.050	1	02/16/10	kb	02/18/10	tim	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	02/16/10	kb	02/18/10	tim	N	1.0

#### Surrogates:

2,4-Dichlorophenylacetic acid	97 %	39-125	1	02/16/10	kb	02/18/10	tim	N	
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### METALS, TCLP

Analysis Method: EPA 6010B

Batch: T014888

Arsenic	<0.30 mg/L	0.30	1	02/15/10	jd	02/17/10	jlm		5.0
Barium	<1.0 mg/L	1.0	1	02/15/10	jd	02/17/10	jlm		100
Cadmium	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		1.0
Chromium	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Copper	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Lead	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		5.0
Nickel	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		
Selenium	<0.60 mg/L	0.60	1	02/15/10	jd	02/17/10	jlm		1.0
Silver	<0.10 mg/L	0.10	1	02/15/10	jd	02/17/10	jlm		5.0
Zinc	<0.50 mg/L	0.50	1	02/15/10	jd	02/17/10	jlm		

Analysis Method: EPA 7470A

Batch: T014870

Mercury	<0.010 mg/L	0.010	1	02/15/10	jd	02/15/10	jlm		0.20
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	86 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 1010

Batch: T014929

Flashpoint	> 200 °F	1.0	1	02/17/10	sm	02/17/10	sm		
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-05 Date Collected: 02/11/10 14:45 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-3-Composite Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### WET CHEMISTRY

Analysis Method: EPA 9012B

Batch: T014856

Cyanide (total)	0.25 mg/kg dry	0.12	1	02/12/10	sm	02/12/10	sm	N	
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Analysis Method: EPA 9045C

Batch: T014904

Corrosivity-pH	7.80 pH Units		1	02/16/10	bd	02/17/10	bd	N	
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Analysis Method: EPA Chapter 7.3

Batch: T014875

Cyanide, Reactive	<0.50 mg/kg dry	0.50	1	02/15/10	sm	02/16/10	sm		
Sulfide, Reactive	<5.9 mg/kg dry	5.9	1	02/15/10	da	02/16/10	bd	N	

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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-06 Date Collected: 02/11/10 14:45 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-3-Grab Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T014910

Vinyl chloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
2-Butanone	<0.25 mg/L	0.25	50	02/16/10	jp	02/16/10	jp		200
Chloroform	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Benzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Trichloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	02/16/10	jp	02/16/10	jp		7.5

#### Surrogates:

1,2-Dichloroethane-d4	99 %	70-133	50	02/16/10	jp	02/16/10	jp		
Toluene-d8	103 %	76-125	50	02/16/10	jp	02/16/10	jp		
4-Bromofluorobenzene	103 %	72-123	50	02/16/10	jp	02/16/10	jp		
1,2-Dichlorobenzene-d4	94 %	71-123	50	02/16/10	jp	02/16/10	jp		

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	86 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-07 Date Collected: 02/11/10 12:30 Matrix: Soil  
Sample ID: SS-Sub Slab Fill--4 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	109 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	86 % by Wt.	0.10	1	02/15/10	rbp	02/17/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<51 mg/kg dry	51	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-08 Date Collected: 02/11/10 12:40 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-5 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	104 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	96 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-09	Date Collected: 02/11/10 12:45	Matrix: Soil
Sample ID: SS-Sub Slab Fill-6	Date Received: 02/12/10 10:31	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
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**Surrogates:**

Fluorobenzene	107 %	80-130	50	02/17/10	jp	02/17/10	jp	N	
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-10 Date Collected: 02/11/10 12:50 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-7 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
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**Surrogates:**

Fluorobenzene	109 %	80-130	50	02/17/10	jp	02/17/10	jp	N	
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-11 Date Collected: 02/11/10 13:25 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-8 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	107 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-12 Date Collected: 02/11/10 13:30 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-9 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	108 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	93 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	55 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-13 Date Collected: 02/11/10 13:35 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-10 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	107 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	93 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	58 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-14 Date Collected: 02/11/10 13:40 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-11 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	103 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	94 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-15 Date Collected: 02/11/10 13:45 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-12 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/17/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	105 %	80-130	50	02/17/10	jp	02/17/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-16 Date Collected: 02/11/10 13:50 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-13 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	106 %	80-130	50	02/17/10	jp	02/18/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	96 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014852

Extractable Organic Halides	<51 mg/kg dry	51	1	02/12/10	rbp	02/12/10	rbp	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-17 Date Collected: 02/11/10 13:55 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-14 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
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**Surrogates:**

Fluorobenzene	104 %	80-130	50	02/17/10	jp	02/18/10	jp	N	
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	92 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<51 mg/kg dry	51	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-18 Date Collected: 02/11/10 14:00 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-15 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
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**Surrogates:**

Fluorobenzene	107 %	80-130	50	02/17/10	jp	02/18/10	jp	N	
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	94 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	58 mg/kg dry	51	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-19 Date Collected: 02/11/10 14:05 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-16 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	105 %	80-130	50	02/17/10	jp	02/18/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	95 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-20 Date Collected: 02/11/10 14:10 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-17 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	104 %	80-130	50	02/17/10	jp	02/18/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	96 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-21 Date Collected: 02/11/10 14:15 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-18 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	106 %	80-130	50	02/17/10	jp	02/18/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	93 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<50 mg/kg dry	50	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-22 Date Collected: 02/11/10 14:30 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-19 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	104 %	80-130	50	02/17/10	jp	02/18/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	88 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<53 mg/kg dry	53	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-23	Date Collected: 02/11/10 14:35	Matrix: Soil
Sample ID: SS-Sub Slab Fill-20	Date Received: 02/12/10 10:31	

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
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**Surrogates:**

Fluorobenzene	108 %	80-130	50	02/17/10	jp	02/18/10	jp	N	
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### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	84 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<58 mg/kg dry	58	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127  
Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-24 Date Collected: 02/11/10 14:40 Matrix: Soil  
Sample ID: SS-Sub Slab Fill-21 Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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### VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8015

Batch: T014980

Gasoline Range Organics (TPH)	<4.0 mg/kg dry	4.0	50	02/17/10	jp	02/18/10	jp		
<b>Surrogates:</b>									
Fluorobenzene	107 %	80-130	50	02/17/10	jp	02/18/10	jp	N	

### WET CHEMISTRY

Analysis Method: % Calculation

Batch: T014882

% Solids	87 % by Wt.	0.10	1	02/15/10	rbp	02/16/10	da	N	
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Analysis Method: EPA 9023

Batch: T014861

Extractable Organic Halides	<53 mg/kg dry	53	1	02/12/10	bd	02/15/10	bd	N	
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## ANALYTICAL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-25 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
<u>Analysis Method: EPA 8260B</u>									
Batch: T014979									
Dichlorodifluoromethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Chloromethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Vinyl chloride	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Bromomethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Chloroethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Trichlorofluoromethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Diethyl ether	<10 ug/L	10	1	02/18/10	jp	02/18/10	jp	N	
Tert-butyl alcohol	<50 ug/L	50	1	02/18/10	jp	02/18/10	jp	N	
1,1-Dichloroethene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Acetone	<50 ug/L	50	1	02/18/10	jp	02/18/10	jp		
Iodomethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N	
Carbon disulfide	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Methylene chloride	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Acrylonitrile	<2.0 ug/L	2.0	1	02/18/10	jp	02/18/10	jp		
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Diisopropyl Ether	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
2-Butanone	<25 ug/L	25	1	02/18/10	jp	02/18/10	jp		
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
Bromochloromethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Tetrahydrofuran	<90 ug/L	90	1	02/18/10	jp	02/18/10	jp	N	
Chloroform	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Carbon tetrachloride	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Benzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
1,2-Dichloroethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Cyclohexane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
Trichloroethene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Dibromomethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Bromodichloromethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID: T10B127-25 Date Collected: 02/02/10 Matrix: Water  
Sample ID: Trip Blank Date Received: 02/12/10 10:31

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
4-Methyl-2-pentanone	<50 ug/L	50	1	02/18/10	jp	02/18/10	jp		
Toluene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Tetrachloroethene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
2-Hexanone	<50 ug/L	50	1	02/18/10	jp	02/18/10	jp		
Dibromochloromethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Chlorobenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Ethylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
m,p-Xylene	<2.0 ug/L	2.0	1	02/18/10	jp	02/18/10	jp	N	
o-Xylene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	<3.0 ug/L	3.0	1	02/18/10	jp	02/18/10	jp	N	
Styrene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Bromoform	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Isopropylbenzene	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Bromobenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
n-Propylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
t-Butyl Benzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
sec-Butylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
p-Isopropyltoluene	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
n-Butylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N	
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
1,2-Dibromo-3-chloropropane	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		
Hexachloroethane	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		
Naphthalene	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp		

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## ANALYTICAL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

Trace ID:	T10B127-25	Date Collected:	02/02/10	Matrix:	Water
Sample ID:	Trip Blank	Date Received:	02/12/10 10:31		

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
<b>VOLATILE ORGANIC COMPOUNDS BY GC-MS</b>									
2-Methylnaphthalene	<5.0 ug/L	5.0	1	02/18/10	jp	02/18/10	jp	N	
<b>Surrogates:</b>									
1,2-Dichloroethane-d4	90 %	70-133	1	02/18/10	jp	02/18/10	jp		
Toluene-d8	100 %	76-125	1	02/18/10	jp	02/18/10	jp		
4-Bromofluorobenzene	96 %	71-123	1	02/18/10	jp	02/18/10	jp		
1,2-Dichlorobenzene-d4	100 %	72-123	1	02/18/10	jp	02/18/10	jp		

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## QUALITY CONTROL RESULTS

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014865

Analysis Description: TCLP Extraction, SVOC

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014888

Analysis Description: Chromium, TCLP

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Method: EPA 6010B

### METHOD BLANK: T014888-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

### METHOD BLANK: T014888-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

### METHOD BLANK: T014888-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	

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#### METHOD BLANK: T014888-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Copper	mg/L	<0.50	0.50	
Nickel	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	
Zinc	mg/L	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014888-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0278	<0.10	92	80-120	
Arsenic	mg/L	0.0556	<0.30	94	80-120	
Barium	mg/L	0.889	<1.0	98	80-120	
Cadmium	mg/L	0.0278	<0.10	98	80-120	
Chromium	mg/L	0.0278	<0.50	96	80-120	
Copper	mg/L	0.889	0.872	98	80-120	
Nickel	mg/L	0.889	0.870	98	80-120	
Lead	mg/L	0.0556	<0.50	102	80-120	
Selenium	mg/L	0.0556	<0.60	83	80-120	
Zinc	mg/L	0.889	0.862	97	80-120	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014888-MSD1

Original: T10B127-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/L	0	0.250	0.220	0.210	88	84	75-125	5	20	
Arsenic	mg/L	0	0.500	0.461	0.479	92	96	75-125	4	20	
Barium	mg/L	0.0418	8.00	7.63	7.79	95	97	75-125	2	20	
Cadmium	mg/L	0	0.250	0.241	0.240	96	96	75-125	0.08	20	
Chromium	mg/L	0	0.250	0.236	<0.50	94	97	75-125	3	20	
Copper	mg/L	0	8.00	7.54	7.79	94	97	75-125	3	20	
Nickel	mg/L	0	8.00	7.53	7.57	94	95	75-125	0.6	20	
Lead	mg/L	0	0.500	0.491	0.533	98	107	75-125	8	20	
Selenium	mg/L	0	0.500	0.373	<0.60	75	76	75-125	2	20	
Zinc	mg/L	0.102	8.00	7.86	7.77	97	96	75-125	1	20	

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Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014870

QC Batch Method: EPA 7470A Prep

Analysis Description: Mercury, TCLP

Analysis Method: EPA 7470A

**METHOD BLANK: T014870-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**METHOD BLANK: T014870-BLK2**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**METHOD BLANK: T014870-BLK3**

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

**LABORATORY CONTROL SAMPLE: T014870-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	103	80-120	

**MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014870-MSD1**

Original: T10B127-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/L	0	0.0500	0.0520	0.0530	104	106	75-125	2	20	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014864

QC Batch Method: Leaching procedures

Analysis Description: TCLP Extraction, Metals

Analysis Method: EPA 1311

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014866

QC Batch Method: Leaching procedures

Analysis Description: TCLP ZHE, Volatiles

Analysis Method: EPA 1311

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

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QC Batch: T014892

Analysis Description: TCLP Pesticides

QC Batch Method: EPA 3510C Separatory Funnel

Analysis Method: EPA 8081A

**METHOD BLANK: T014892-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.00005 0	0.000050	
Endrin	mg/L	<0.00001 0	0.000010	
gamma-BHC (Lindane)	mg/L	<0.00001 0	0.000010	
Heptachlor	mg/L	<0.00001 0	0.000010	
Heptachlor epoxide	mg/L	<0.00001 0	0.000010	
Methoxychlor	mg/L	<0.00001 0	0.000010	
Toxaphene	mg/L	<0.00050	0.00050	
Tetrachloro-m-xylene (S)	%	50	38-94	
Decachlorobiphenyl (S)	%	61	40-93	

**LABORATORY CONTROL SAMPLE: T014892-BS1**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Endrin	mg/L	0.0000500	0.000035 6	71	31-145	
gamma-BHC (Lindane)	mg/L	0.0000500	0.000033 3	67	38-125	
Heptachlor	mg/L	0.0000500	0.000032 7	65	34-124	
Heptachlor epoxide	mg/L	0.0000500	0.000038 9	78	35-125	
Methoxychlor	mg/L	0.0000500	0.000035 4	71	54-109	
Tetrachloro-m-xylene (S)	%	0.000100	0.000064 0	64	38-94	
Decachlorobiphenyl (S)	%	0.000100	0.000066 8	67	40-93	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014893

Analysis Description: TCLP Herbicides

QC Batch Method: EPA 8151

Analysis Method: EPA 8151A

**METHOD BLANK: T014893-BLK1**

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.0020	0.0020	
2,4,5-TP (Silvex)	mg/L	<0.0010	0.0010	
2,4-Dichlorophenylacetic acid (S)	%	81	39-125	

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#### LABORATORY CONTROL SAMPLE: T014893-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-D	mg/L	0.00400	0.00354	88	40-129	
2,4,5-TP (Silvex)	mg/L	0.00400	0.00319	80	56-121	
2,4-Dichlorophenylacetic acid (S)	%	0.00800	0.00862	108	39-125	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014873

Analysis Description: TCLP Semi-Volatiles

QC Batch Method: EPA 3510C Separatory Funnel

Analysis Method: EPA 8270C

#### METHOD BLANK: T014873-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	30	20-53	
Phenol-d5 (S)	%	17	11-40	
Nitrobenzene-d5 (S)	%	49	36-103	
2-Fluorobiphenyl (S)	%	43	36-119	
2,4,6-Tribromophenol (S)	%	68	30-105	
Terphenyl-d14 (S)	%	74	37-109	

#### LABORATORY CONTROL SAMPLE: T014873-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0510	0.0354	69	39-105	
Pentachlorophenol	mg/L	0.103	0.0788	76	38-102	
2-Fluorophenol (S)	%	0.100	0.0415	42	20-53	
Phenol-d5 (S)	%	0.100	0.0254	25	11-40	
Nitrobenzene-d5 (S)	%	0.100	0.0672	67	36-103	
2-Fluorobiphenyl (S)	%	0.100	0.0646	65	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0827	83	30-105	
Terphenyl-d14 (S)	%	0.100	0.0867	87	37-109	

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Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014980

Analysis Description: Gasoline Range Organics

QC Batch Method: SW846 5035 Purge-and-Trap for Solids

Analysis Method: EPA 8015

#### METHOD BLANK: T014980-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	109	80-130	

#### METHOD BLANK: T014980-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	<4.0	4.0	
Fluorobenzene (S)	%	106	80-130	

#### LABORATORY CONTROL SAMPLE: T014980-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	22.3	112	80-120	
Fluorobenzene (S)	%	100	107	107	80-130	

#### LABORATORY CONTROL SAMPLE: T014980-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Gasoline Range Organics (TPH)	mg/kg wet	20.0	21.7	108	80-120	
Fluorobenzene (S)	%	100	105	105	80-130	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014980-MSD1

Original: T10B127-08

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Gasoline Range Organics (TPH)	mg/kg dry	0.719	18.9	21.3	21.0	109	107	80-120	1	20	
Fluorobenzene (S)	%		100	108	108	108	108	80-130			

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014980-MSD2

Original: T10B127-24

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Gasoline Range Organics (TPH)	mg/kg dry	0.719	20.0	21.5	22.2	104	107	80-120	3	20	
Fluorobenzene (S)	%		100	103	105	103	105	80-130			

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

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QC Batch: T014910

Analysis Description: TCLP Volatiles

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

#### METHOD BLANK: T014910-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.0010	0.0010	
1,1-Dichloroethene	mg/L	<0.0010	0.0010	
2-Butanone	mg/L	<0.0050	0.0050	
Chloroform	mg/L	<0.0010	0.0010	
Carbon tetrachloride	mg/L	<0.0010	0.0010	
Benzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane	mg/L	<0.0010	0.0010	
Trichloroethene	mg/L	<0.0010	0.0010	
Tetrachloroethene	mg/L	<0.0010	0.0010	
Chlorobenzene	mg/L	<0.0010	0.0010	
1,4-Dichlorobenzene	mg/L	<0.0010	0.0010	
1,2-Dichloroethane-d4 (S)	%	97	70-133	
Toluene-d8 (S)	%	103	76-125	
4-Bromofluorobenzene (S)	%	104	72-123	
1,2-Dichlorobenzene-d4 (S)	%	94	71-123	

#### LABORATORY CONTROL SAMPLE: T014910-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	0.0200	0.0154	77	47-184	
1,1-Dichloroethene	mg/L	0.0200	0.0164	82	64-156	
2-Butanone	mg/L	0.0200	0.0172	86	70-130	
Chloroform	mg/L	0.0200	0.0187	94	80-120	
Carbon tetrachloride	mg/L	0.0200	0.0196	98	79-141	
Benzene	mg/L	0.0200	0.0185	93	80-120	
1,2-Dichloroethane	mg/L	0.0200	0.0189	95	80-120	
Trichloroethene	mg/L	0.0200	0.0199	100	69-133	
Tetrachloroethene	mg/L	0.0200	0.0182	91	70-120	
Chlorobenzene	mg/L	0.0200	0.0184	92	80-120	
1,4-Dichlorobenzene	mg/L	0.0200	0.0170	85	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	43.8	97	70-133	
Toluene-d8 (S)	%	45.0	46.0	102	76-125	
4-Bromofluorobenzene (S)	%	45.0	46.3	103	72-123	
1,2-Dichlorobenzene-d4 (S)	%	45.0	44.1	98	71-123	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014979

Analysis Description: Volatiles, Full MDEQ+ List

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

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#### METHOD BLANK: T014979-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	ug/L	<5.0	5.0	
Chloromethane	ug/L	<5.0	5.0	
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<5.0	5.0	
Chloroethane	ug/L	<5.0	5.0	
Trichlorofluoromethane	ug/L	<1.0	1.0	
Diethyl ether	ug/L	<10	10	
Tert-butyl alcohol	ug/L	<50	50	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<50	50	
Iodomethane	ug/L	<1.0	1.0	
Carbon disulfide	ug/L	<5.0	5.0	
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Methylene chloride	ug/L	<5.0	5.0	
Acrylonitrile	ug/L	<2.0	2.0	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
Diisopropyl Ether	ug/L	<5.0	5.0	
2-Butanone	ug/L	<25	25	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	
t-Butyl Ethyl Ether	ug/L	<5.0	5.0	
Bromochloromethane	ug/L	<1.0	1.0	
Tetrahydrofuran	ug/L	<90	90	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	
Benzene	ug/L	<1.0	1.0	
t-Amyl Methyl Ether	ug/L	<5.0	5.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
Cyclohexane	ug/L	<5.0	5.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Dibromomethane	ug/L	<5.0	5.0	
Bromodichloromethane	ug/L	<1.0	1.0	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<50	50	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<50	50	
Dibromochloromethane	ug/L	<5.0	5.0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	

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#### METHOD BLANK: T014979-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
Isopropylbenzene	ug/L	<5.0	5.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	
Bromobenzene	ug/L	<1.0	1.0	
n-Propylbenzene	ug/L	<1.0	1.0	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	
t-Butyl Benzene	ug/L	<1.0	1.0	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	
sec-Butylbenzene	ug/L	<1.0	1.0	
p-Isopropyltoluene	ug/L	<5.0	5.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	
n-Butylbenzene	ug/L	<1.0	1.0	
1,2,3-Trimethylbenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	
Hexachloroethane	ug/L	<5.0	5.0	
1,2,4-Trichlorobenzene	ug/L	<5.0	5.0	
Naphthalene	ug/L	<5.0	5.0	
1,2,3-Trichlorobenzene	ug/L	<5.0	5.0	
2-Methylnaphthalene	ug/L	<5.0	5.0	
1,2-Dichloroethane-d4 (S)	%	90	70-133	
Toluene-d8 (S)	%	100	76-125	
4-Bromofluorobenzene (S)	%	96	71-123	
1,2-Dichlorobenzene-d4 (S)	%	100	72-123	

#### LABORATORY CONTROL SAMPLE: T014979-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	20.0	19.1	96	64-156	
Benzene	ug/L	20.0	19.9	99	80-120	
Trichloroethene	ug/L	20.0	20.1	100	69-133	
Toluene	ug/L	20.0	19.7	99	80-120	
Chlorobenzene	ug/L	20.0	19.8	99	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	27.1	90	70-133	
Toluene-d8 (S)	%	30.0	30.0	100	76-125	
4-Bromofluorobenzene (S)	%	30.0	27.9	93	71-123	

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#### LABORATORY CONTROL SAMPLE: T014979-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.7	96	72-123	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014882

Analysis Description: Solids, Dry Weight

QC Batch Method: % Solids

Analysis Method: % Calculation

#### SAMPLE DUPLICATE: T014882-DUP1

Original: T10B127-05

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	85.6	86.0	0.5	20	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014884

Analysis Description: Solids, Dry Weight

QC Batch Method: % Solids

Analysis Method: % Calculation

#### SAMPLE DUPLICATE: T014884-DUP1

Original: T10B127-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
% Solids	% by Wt.	95.0	95.1	0.1	20	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014929

Analysis Description: Flash Point (Ignitability)

QC Batch Method: EPA 1010

Analysis Method: EPA 1010

#### LABORATORY CONTROL SAMPLE: T014929-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
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Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014856

Analysis Description: Cyanide, Total

QC Batch Method: EPA 9012B

Analysis Method: EPA 9012B

#### METHOD BLANK: T014856-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide (total)	mg/kg wet	<0.12	0.12	

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#### LABORATORY CONTROL SAMPLE: T014856-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide (total)	mg/kg wet	4.00	3.58	89	81-111	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014856-MSD1

Original: T10B127-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Cyanide (total)	mg/kg dry	0	4.21	4.11	4.10	98	97	61-126	0.7	22	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014852

Analysis Description: Halides, Total

QC Batch Method: EPA 9023

Analysis Method: EPA 9023

#### METHOD BLANK: T014852-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Extractable Organic Halides	mg/kg wet	<50	50	

#### LABORATORY CONTROL SAMPLE: T014852-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Extractable Organic Halides	mg/kg wet	500	390	78	70-124	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014861

Analysis Description: Halides, Total

QC Batch Method: EPA 9023

Analysis Method: EPA 9023

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014904

Analysis Description: Corrosivity (pH for waste), 9040/9045

QC Batch Method: EPA 9045C

Analysis Method: EPA 9045C

#### SAMPLE DUPLICATE: T014904-DUP1

Original: T10B127-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Corrosivity-pH	pH Units	8.47	8.58	1	200	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014875

Analysis Description: Reactivity - Cyanide

QC Batch Method: EPA Chapter 7.3

Analysis Method: EPA Chapter 7.3

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#### METHOD BLANK: T014875-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyanide, Reactive	mg/kg wet	<0.50	0.50	

#### LABORATORY CONTROL SAMPLE: T014875-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Cyanide, Reactive	mg/kg wet	0.200	<0.50	104	79-116	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014875-MSD1

Original: T10B127-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Cyanide, Reactive	mg/kg dry	0	2.08	2.18	2.22	105	107	64-129	2	14	

Trace Project ID: T10B127

Client Project ID: LEC MW19HS1 Remediation / 6527.40

QC Batch: T014877

Analysis Description: Reactivity - Sulfide

QC Batch Method: EPA Chapter 7.3

Analysis Method: EPA Chapter 7.3

#### METHOD BLANK: T014877-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Sulfide, Reactive	mg/kg wet	<5.0	5.0	

#### LABORATORY CONTROL SAMPLE: T014877-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfide, Reactive	mg/L	0.500	0.422	84	74-126	

#### MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014877-MSD1

Original: T10B127-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Sulfide, Reactive	mg/kg dry	2.93	26.1	26.9	27.3	92	94	52-115	2	27	

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# CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

Page 1 of 3

TRACE ID NO.

T10B127

Report Results To:		Client Name: <b>RMT Inc</b>											
		Contact Person: <b>JENNIFER OVERVOORDE</b>											
		Mailing Address: <b>7025 E. BELTLINE AVE. SE SUITE 402</b>											
		City, State, Zip Code: <b>GRAND RAPIDS MI 49546</b>											
		Phone: <b>616 975 545</b>		Fax: <b>616 975 1098</b>									
		Email Address: <b>JENNIFER.OVERVOORDE@rmtinc.com</b>											
		Project #: <b>6527.40</b>		Trace Quote #:									
		Project Name: <b>LEC MUIKHSI REMEDIATION</b>		Sampled by: <b>SP</b>									
Bill To:		Billing Address (if different):											
		City, State, Zip Code: <b>MADISON, WI</b>											
		Attn: Phone: Fax:											
Request for Analytical Services		TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED				Possible Health Hazard
		01	2/11/10	1300	N/A	SS-SUB SLAB FILL - 1 - Composite	S	3	TPH TOX TCEP METALS TOXICITY (PH) RADON SURFACE URBAN PESTICIDES TOXIC VOLATILES TOXIC SEMI-VOLATILES F.C.W.D.				
		02	2/11/10	1300		SS-SUB SLAB FILL - 1 - Grab		2					
		03	2/11/10	1420		SS-SUB SLAB FILL - 2 - Composite		3					
		04	2/11/10	1420		SS-SUB SLAB FILL - 2 - Grab		2					
		05	2/11/10	1445		SS-SUB SLAB FILL - 3 - Composite		3					
		06	2/11/10	1445		SS-SUB SLAB FILL - 3 - Grab		2					
		07	2/11/10	1230		SS-SUB SLAB FILL - 4		2					
		08	2/11/10	1240		SS-SUB SLAB FILL - 5		2					
		09	2/11/10	1245		SS-SUB SLAB FILL - 6		2					
		10	2/11/10	1250	Y	SS-SUB SLAB FILL - 7	Y	2					
Please Sign	Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME			
	1)	Scott Paulding	FED-EX	2/11/10	1800	3)							
	2)	FED-EX	JENNIFER OVERVOORDE	2/12/10	10:31	4)							

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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Muskegon, MI 49444-2673  
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TRACE ID NO.  
**T10B127**

<b>Report Results To:</b>		Client Name: <b>DMT INC</b>		Logged By: <b>[Signature]</b>		Checked By: <b>[Signature]</b>					
		Contact Person: <b>JENNIFER OVERDUDE</b>		Received on ice: Yes No		Preservative Checked: Yes No <b>N/A</b>					
		Mailing Address: <b>2025 E. BELTLINE AVE SE SUITE 408</b>		Soil Volatiles Preserved: MeOH En Core Low Level <b>Lab</b>							
City, State, Zip Code: <b>GRAND RAPIDS MI 49546</b>		Phone: <b>616 975-5415</b> Fax: <b>616 975 1098</b>		Regulatory Requirements		Turnaround Requirements					
Email Address: <b>JENNIFER.OVERDUDE@DMTINC.COM</b>		Project #: <b>652740</b> PO #: Trace Quote #:		<input type="checkbox"/> MERA TMDLs <input type="checkbox"/> Drinking Water <input type="checkbox"/> NPDES <input type="checkbox"/> USACE <input type="checkbox"/> Special		<input checked="" type="checkbox"/> Standard (2 wk) <input type="checkbox"/> * 5 Day <input type="checkbox"/> * 24 Day (RUSH) <input type="checkbox"/> * 24 Hour (RUSH) <input type="checkbox"/> * Requires prior approval					
Project Name: <b>LEC MUIRHSI REMEDIATION</b>		Sampled by: <b>S.P.</b>		Matrix Key		S = Soil W = Water SE = Sediment OI = Oil SO = Solid Waste					
Billing Address (if different)		City, State, Zip Code: <b>MADISON, WI</b>		ANALYSIS REQUESTED							
Attn: Phone: Fax:				<b>TPH</b> <b>TOX</b> <b>TOTAL &amp; TAP METALS</b> <b>CONCENTRATION</b> <b>REACT SURFAC &amp; CYPH</b> <b>PCBS</b> <b>TOTAL &amp; TAP VOLATILES</b> <b>TOTAL &amp; TAP SEMI-VOLATILES</b>		Possible Health Hazard					
<b>Request for Analytical Services</b>		TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS		
		11	2/11/10	1325		SS-SUB SLAG FILL - 8	S	2	X X		
		12	2/11/10	1330		SS-SUB SLAG FILL - 9	S	2	X X		
		13	2/11/10	1335		SS - SUB SLAG FILL - 10	S	2	X X		
		14	2/11/10	1340		SS-SUB SLAG FILL - 11	S	2	X X		
		15	2/11/10	1345		SS-SUB SLAG FILL - 12	S	2	X X		
		16	2/11/10	1350		SS-SUB SLAG FILL - 13	S	2	X X		
		17	2/11/10	1355		SS-SUB SLAG FILL - 14	S	2	X X		
		18	2/11/10	1400		SS-SUB SLAG FILL - 15	S	2	X X		
		19	2/11/10	1405		SS-SUB SLAG FILL - 16	S	2	X X		
		20	2/11/10	1410		SS-SUB SLAG FILL - 17	S	2	X X		
<b>Please Sign</b>		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
		1)	<b>[Signature]</b>	<b>[Signature]</b>	2/11/10	1800	3)				
		2)	<b>FRO-EX</b>	<b>[Signature]</b>	2/12/10	10:31	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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phone 231.773.5998  
toll-free 800.733.5998  
fax 231.773.6537

## CHAIN-OF-CUSTODY RECORD

**Trace Analytical Laboratories, Inc.**  
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Muskegon, MI 49444-2673  
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TRACE ID NO.

TRACE ID N  
T10B127

the science of compliance 2241 Black Creek Road Muskegon, MI 49444-2673 www.trace-labs.com																																																																																																																																																																														
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## CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

### SAMPLE LOG IN CHECKLIST

Date: <u>2-12-10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>2</u>	
Trace ID #: <u>T10B127</u>		Project Name: <u>AS mtd</u>		Cooler #s: _____	
Logged in by: <u>AS mtd</u>				Cooler #s: _____	
<b>Cooler Receipt</b>					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			
<b>Coolant and Temperature</b>					
<b>Type of Coolant Used</b>			<b>Cooler Temperature Correction Factor <u>0.0</u> °C</b>		
			Date: <u>2-12-10</u> Time: <u>10:31</u>		
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input type="checkbox"/> No			Temperature Blank: _____ °C		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Range of 3 samples: <u>4</u> °C		
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No			Melt Water: _____ °C		
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>General</b>					
			Yes No NA		
COC taped to inside of cooler lid?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottles arrived unbroken with labels in good condition?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Each sample point is in a sealed plastic bag?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Labels filled out completely?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
All bottle labels agree with Chain of Custody (COC)?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Sufficient sample to run tests requested?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
pH checked and samples at correct pH?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
Correct preservative added to samples?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
DRO/GRO samples received and appropriate check in form completed?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
Air bubbles absent from VOAs?			<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		
COC filled out properly and signed by client?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
COC signed in by TRACE sample custodian?			<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Was project manager called and samples discussed?			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Contact: _____			Date: _____		
<b>Notes:</b>					

### CERTIFICATE OF ANALYSIS

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January 20, 2010

Ms. Jennifer Overvoorde  
RMT, Inc.  
2025 E. Beltline Ave. SE Suite 402  
Grand Rapids, MI 49546

Phone: (616) 975-5415  
Fax: (616) 975-1098

RE: Trace ID: T10A153

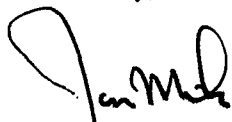
Dear Ms. Overvoorde:

Enclosed are your analytical results associated with your project for LEC MW19HS1 Remediation / 6527.40.

The results were obtained from EMSL Analytical, Inc..

Thank you for working with Trace. If you have questions concerning this report, please contact me at 231.773.5998 or by email at [jmink@trace-labs.com](mailto:jmink@trace-labs.com).

Sincerely,



Jon Mink  
Project Manager

Enclosures





**EMSL Analytical, Inc.**

212 South Wagner Road, Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532 Email: [annarborlab@emsl.com](mailto:annarborlab@emsl.com)

Attn: **Jon Mink**  
**Trace Analytical Laboratories Inc.**  
**Environmental Services**  
**2241 Black Creek Rd.**  
**Muskegon, MI 49444**

Customer ID: TAL155  
Customer PO:  
Received: 01/20/10 10:00 AM  
EMSL Order: 081000144

Fax: (231) 773-6537 Phone: (231) 773-5998  
Project: T10A153

EMSL Proj:  
Analysis Date: 1/20/2010

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
T10A153-001 081000144-0001	Bldg 9 Pipe	Gray Fibrous Homogeneous		65% Non-fibrous (other)	15% Chrysotile 20% Crocidolite

Analyst(s)

Brian Walczak (1)

Brian Walczak, Laboratory Manager  
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 212 South Wagner Road, Ann Arbor MI NVLAP Lab Code 101048-4

Test Report PLM-7.12.0 Printed: 1/20/2010 11:05:15 AM

**THIS IS THE LAST PAGE OF THE REPORT.**

1

**CERTIFICATE OF ANALYSIS**

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Report ID: T10A153 FINAL 01 20 10 1216





phone 231.773.5998  
toll-free 800.733.5998  
fax 231.773.6537

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
info@trace-labs.com  
www.trace-labs.com

the science of compliance



phone 231.773.5998  
toll-free 800.733.5998  
fax 231.773.6537

## CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673  
www.trace-labs.com

Page 1 of 1

TRACE ID NO.

T10A153

Report Results To:	Client Name: <b>RNT, Inc.</b>		Logged By:		Checked By:	
	Contact Person: <b>JENNIFER OVERDUORDE</b>		Received on ice: Yes No		Preservative Checked: Yes No N/A	
	Mailing Address: <b>2025 E. BELTLINE AVE. SE, SUITE 402</b>		Soil Volatiles Preserved: MeOH En Core Low Level Lab			
	City, State, Zip Code: <b>GRAND RAPIDS MI 49546</b>					
Bill To:	Phone: <b>616-973-5415</b>		Fax: <b>616-973-1098</b>		Regulatory Requirements	
	Email Address: <b>JENNIFER.OVERDUORDE@RNTINC.COM</b>		Project #: <b>6527.40</b>		Turnaround Requirements	
	Project Name: <b>LEC MW19452 REMEDIATION</b>		PO #:		Matrix Key	
	Sampled by: <b>SP</b>		Trace Quote #:		S = Soil WI = Wipes W = Water LW = Liquid Waste SE = Sediment A = Air OI = Oil D = Drinking Water SO = Solid Waste SL = Sludge	
Request for Analytical Services	Billing Address (if different)		City, State, Zip Code: <b>MADISON, WI</b>		ANALYSIS REQUESTED	
	Attn:		Phone:		Fax:	
	TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX
	01	1/19/10	1430	NA	BLD6.9 PIPE	51 X
Please Sign	Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #
	1)	Scott (working)	FedEx	1/19/10	1730	3)
	2)	Sci L	EMIL			4)

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

01/19/2010 16:52 19733665837

DAVE CONDON

PAGE 01

## CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Report ID: T10A153 FINAL 01 20 10 1216



## DIA General Construction, Inc.

February 24, 2010

Submitted to:

Mr. James Wright  
C/o Beacon Industrial Services, LLC.  
P O Box 8906  
Trenton, NJ 08650

Re: Close-out package:

Asbestos Abatement & Related Services  
LE Carpenter & Company – 170 North Main Street, Wharton, NJ

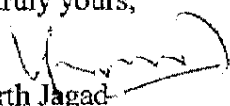
Dear Mr. Wright:

Pursuant to your requirements, the undersigned is pleased to inform you that all asbestos containing materials as identified have been removed in accordance with applicable federal, state and local regulations. Additionally final air monitoring results indicate levels below the standard and therefore, the space may be re-occupied. The following lists of attached documents are provided for your review and acceptance.

1. Invoice
2. Proposal Letter
3. Asbestos Notification to All Agencies Having Jurisdiction
4. NJ DOL Asbestos Contractor License
5. Certificate of Insurance
6. Air Monitoring Results and Certificate of Completion Letter
7. ACM Waste Manifest (will be provided upon receipt)

Thank you again for the opportunity in providing these environmental services to your firm. I look forward in working with you in the near future. Please do not hesitate in contacting me directly at 732-921-4691, if you have any questions.

Very truly yours,

  
Krutarth Jagad  
President

Attachments.

---

1360 Clifton Avenue  
PMB Suite 218, Clifton, NJ 07012

Phone: 973-389-0089  
Fax: 973-389-1189



Feb 02 10 08:05a Lilich Corporation

FEB-01-2010 16:39 From: ASBESTOS

02/01/2010 14:40 FAX

Feb 01 10 02:18p Beacon Indust. Services

02/01/2010 16:00 FAX

973-225-0030

p.1

02/01/2010

p.1

02/01/2010



February 1, 2010

New Jersey Department of Labor  
Asbestos Control & Licensing Section  
1 John Fitch Plaza, 3<sup>rd</sup> Floor  
Trenton, NJ 08625  
Attn: Mr. Tom Voorhees

Re: Emergency Notification of Asbestos Abatement  
170 North Main Street, Wharton

REMEMBER - MAIL IN HARD COPY

Dear Mr. Voorhees:

We are requesting an emergency notification for asbestos abatement at the above referenced property. This is a superfund site. We are in process of demolition/cleanup of the site. During the excavation of ground we encountered approximately 18" diameter asbestos containing transite pipes in various locations in the property. This pipe needs to be properly removed, packaged and disposed of by a New Jersey licensed asbestos contractor in order to continue demolition and cleanup activities.

Lilich Corporation is (License # 00528), is prepared to commence removal packaging and disposal activities on Tuesday February 1, 2010, pending your approval of this emergency notification.

Please do not hesitate to contact me directly at 609-923-3750, with any questions regarding this matter.

Very Truly Yours,

*James Wright*  
James Wright

PO Box 6906, Trenton, NJ 08650-8906  
Phone: 609-671-3939 Fax: 609-631-4434  
beaconindustrialservices.com



JHN-21-2010 16:35 From: HSBESTUS  
01/21/2010 10:33 FAX

6096336664

101973 225 0030

P.273

Form

**REMEMBER - MAIL IN HARD COPY**State of New Jersey  
**NOTIFICATION OF ASBESTOS ABATEMENT**  
(Pursuant to NJAC 8:26 and 12:120)**DOL - 10 DAY**

JAN 21 2010

**WAIVER APPROVED**

Date of Notification (1) January 21, 2010 Check #2919 \$200		Name of Building Owner/Operator (2) LE Carpenter & Company							
Agencies Notified	Type Notification	Street Address 33587 Walker Road							
<input type="checkbox"/> EPA <input type="checkbox"/> DEP <input checked="" type="checkbox"/> DOL	<input type="checkbox"/> Initial <input type="checkbox"/> Amended <input checked="" type="checkbox"/> Emergency (Including Justification) <input type="checkbox"/> Cancellation	City, State, Zip Code Avon Lake, OH 44012							
<input checked="" type="checkbox"/> DOH <input type="checkbox"/> DCA		Name of Contact James Wright (Owner's Rep)	Telephone Number 609-823-3750						
<b>FACILITY INFORMATION</b>									
Name of Facility Where Abatement is Taking Place (3) Former Commercial Property		Type of Facility (4) <input type="checkbox"/> School (K-12) <input type="checkbox"/> Subchapter S (Other than K-12) <input checked="" type="checkbox"/> Other (i.e. private & commercial buildings, homes, etc.)							
Street Address 170 North Main Street		Square Feet 15000	# of Floors 2						
City (5) Wharton		Bldg. Age 70+							
County (6) Morris	County Code (7) (STATE USE ONLY)	Current Use (Prior if being demolished)							
Name of Monitoring Firm Hired by Building Owner (8) N/A		ASCM No.	Name of Abatement Contractor (9) Lilich Corporation						
Street Address		Street Address 606 McBride Avenue							
City, State, Zip Code		City, State, Zip Code West Paterson, New Jersey 07424							
Project Manager for Monitoring Firm		Telephone No. 973-225-8400	License No. 00628						
Start Date (10) 01/22/10	Schedule Completion Date (11) 01/25/10	Name of OSHA Monitor							
Occupancy Status During Abatement (Check Only One) <input checked="" type="checkbox"/> Facility Closed/Vacated During Entire Period of Abatement <input type="checkbox"/> Abatement Performed Outside of Normal Facility Hours <input type="checkbox"/> Other - Describe: _____		Street Address							
		City, State, Zip Code							
Scope of Work (Check All That Apply)									
<input checked="" type="checkbox"/> $\geq 3$ sf or $\geq 3$ ft <input type="checkbox"/> $\geq 100$ sf or $\geq 250$ ft		<input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Demolition							
		<input type="checkbox"/> Full Containment with Negative Pressure <input type="checkbox"/> Mini-Enclosure <input type="checkbox"/> Glovebag Procedure <input checked="" type="checkbox"/> Non-Exempted (*) and Non-Friable Procedure							
Location of Asbestos-Containing Material (ACM) <b>TO BE ABATED</b> In Facility (13)	Is Location Normally Used Solely by Maintenance/Custodial Staff? (12)			Description of Asbestos-Containing Material (ACM) (i.e. thermal systems insulation, surfacing, VAT, or other miscellaneous)	Amount (Specify SF or LF)	Abatement Type		Enclosure A	Enclosure B
	Yes	No	N/A			Removal	Repair		
Exterior			X	Transite Pipe	125 LF	X			
Name of Registered Waste Hauler Service Transport Group		NJDEP Waste Hauler ID No. 20990	Cubic Yards of Waste 20	Name of Registered Landfill A & L Salvadge					
City, State New Castle, DE		Disposal Date 01/25/10		City, State Lisbon, OH					
Completed by Nikica Mrda		Title President		Signature		Date 01/21/10			

JAN-21-2010 16:36 From: ASBESTOS

6096330664

To: 973 225 0030

P.3/3

01/21/2010 16:31 FAX

0002 002

Jan 21 10 04:29p

Beacon Indust. Services

1-888-881-4434

p.1

**BEACON**

Industrial Services, LLC

REMEMBER - MAIL IN HARD COPY

DOL - 10 DAY

JAN 21 2010

WAIVER PROVEN

January 21, 2010

New Jersey Department of Labor  
Asbestos Control & Licensing Section  
1 John Fitch Plaza, 3<sup>rd</sup> Floor  
Trenton, NJ 08625  
Attn: Mr. Tom Voorhees

Re: Emergency Notification of Asbestos Abatement:  
170 North Main Street, Wharton

Dear Mr. Voorhees:

We are requesting an emergency notification for asbestos abatement at the above referenced property. This is a superfund site. We are in process of demolition/cleanup of the site. During the excavation of ground we encountered approximately 125 LF of 18" diameter asbestos containing transite pipe. This pipe needs to be properly removed, packaged and disposed of by a New Jersey licensed asbestos contractor in order to continue demolition and cleanup activities.

Lilich Corporation is (License # 00528), is prepared to commence removal packaging and disposal activities on Friday January 22, 2010, pending your approval of this emergency notification.

Please do not hesitate to contact me directly at 609-923-3750, with any questions regarding this matter.

Very Truly Yours,

*James Wright*  
James Wright

<b>ACORD CERTIFICATE OF LIABILITY INSURANCE</b>		DATE (MM/DD/YYYY) 09/16/2009
<b>PRODUCER</b> Prof. Risk Planners, Inc. 1373-20 Veterans Mem. Hwy Huppauge NY 11788		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.
<b>INSURED</b> DIA General Construction Inc 1360 Clifton Avenue PMB Suite 218 Clifton NJ 07012-0000		
		<b>INSURERS AFFORDING COVERAGE</b> INSURER A: First Rehabilitation Life Insurance Company INSURER B: Lexington Insurance Company INSURER C: New Hampshire Ins Co. INSURER D: INSURER E:
		NAIC #

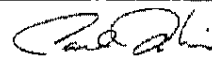
**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR (ADD'L TR. INSR)	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
B	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> ASBESTOS ABATEMENT  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	PROP2007983-3	08/23/2009	08/23/2010	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000	
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$	
B	<b>EXCESS/UMBRELLA LIABILITY</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE  DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000	PROU11521739	08/23/2009	08/23/2010	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$ \$ \$	
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	WCO06785495	08/23/2009	08/23/2010	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000	
A	<b>OTHER</b> NYS Disability	DBL-237558	08/05/2008	Until Cancelled	Statutory	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS  
 Project: LE Carpenter & Company - 170 North Main Street, Wharton, NJ.

Additional Insured: Beacon Industrial Services, LLC., LE Carpenter & Company.

Coverage provided as required by executed written contract, per the terms, conditions and exclusions of the policies listed above.

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>	<b>AFFECTED</b>
Beacon Industrial Services, LLC P O Box 6906 Trenton, NJ 08650	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 	

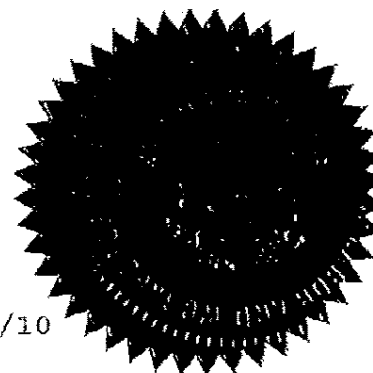
STATE OF NEW JERSEY  
DEPARTMENT OF LABOR & WORKFORCE DEVELOPMENT  
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH  
ASBESTOS CONTROL AND LICENSING SECTION

ASBESTOS LICENSE

LICENSE NUMBER: 00693

ISSUE DATE: 8/02/09

EXPIRATION DATE: 8/03/10



THIS LICENSE has been issued in accordance with and is subject to the provisions of the Asbestos Control and Licensing Act, N.J.S.A. 34:5A-32 et seq.

EMPLOYER: DIA General Construction, Inc.

ADDRESS: 1360 Clifton Avenue  
PMB Suite 218  
Clifton NJ 07012

DUPLICATE

Type "A" LICENSE to perform any type of asbestos work

RESPONSIBLE PERSON: Krutarth Jagad, President

This license is VALID ONLY FOR THE EMPLOYER NAMED HEREIN and must be readily available at the work site for inspection by the Commissioners of Labor & Workforce Development and Health & Senior Services and the contracting agency.

Commissioner

ACL-4 (7-07)

14754





## **DIA General Construction, Inc.**

---

February 24, 2010

Submitted to:

Mr. James Wright  
C/o Beacon Industrial Services, LLC.  
P O Box 8906  
Trenton, NJ 08650


Re: Completion of Asbestos Abatement at:  
LE Carpenter & Company – 170 North Main Street, Wharton, NJ

Dear Mr. Leahy:

DIA General Construction Inc. completed an asbestos abatement at the above referenced site on January 22, 2010. All asbestos containing materials identified in our proposal dated January 20, 2010, have been removed and disposed as asbestos in accordance with all applicable federal, state and local regulations. The following materials were removed and disposed:

Location	Material	Quantity
Exterior	Transite pipe	125 LF

After the completion of asbestos abatement activities, final air samples were collected and analyzed via Transmission Electron Microscopy and/or Phase Contrast Microscopy. Analytical results of all the samples were below reoccupancy criteria of 70 structures per square millimeter and/or 0.01 fibers per cubic centimeter respectively (as established by EPA, OSHA & State of New Jersey). Based on these results and the visual inspection, the building passes and may be demolished as per EPA NESHAP regulations.

Krutarth Jagad   
Project Manager

---

1360 Clifton Avenue  
PMB Suite 218, Clifton, NJ 07012

Phone: 973-389-0089  
Fax: 973-389-1189

p.2

T-351 F0005/0008 F-157

## Page: 1 of 1

**Detection Limit = 7 Fibers / MM2**

**Manager:**

NY ELAP # 11832  
NIOSH PAT # 173498

DAYCO CORPORATION/L.E. CARPENTER AND COMPANY SUPERFUND SITE  
MW19/HOT SPOT 1 REMEDIATION

~~DAILY SIGN-IN SHEET~~  
RMT HEALTH & SAFETY PLAN ACKNOWLEDGMENT

DATE	FULL NAME (PRINT)	SIGNATURE	ORGANIZATION	TIME IN	TIME OUT
1/10/10	Scott Pawlukiewicz	<i>Scott Pawlukiewicz</i>	RMT	—	—
1/11/10	Dave McKenzie	<i>Dave McKenzie</i>	RMT	7:30	
<del>DAIMS CONFERENCE</del>					
1/18/10	CARL MARSHALL	<i>Carl Marshall</i>	DALLAS	7:00	
1/18/10	Josh Delea	<i>Josh Delea</i>	DALLAS	7:00	
1-18-01	Wendell R. R. R. R.	<i>Wendell R. R. R. R.</i>	DALLAS	7:00	
1-18-01	Wendell R. R. R. R.	<i>Wendell R. R. R. R.</i>	DALLAS	7:00	
01-22-10	NORMAN	<i>Norman</i>			
01-22-10	U. S. EPA	<i>U. S. EPA</i>			
01-22-10	MILISAN LALEVIC	<i>Milisan Lalevic</i>			
1-23	Bryce Miller	<i>Bryce Miller</i>			
1/27	Steven Wall	<i>Steven Wall</i>	U.S. EPA		
27 JAN 10	Michael A. Mercado	<i>Michael A. Mercado</i>	USEPA		

**RMT, Inc.**

*Awards This Certificate To*

**Scott Pawlukiewicz**

Name

*For Successful Completion of the course*

8 Hour HAZWOPER Refresher Training

Course Name

Date: Dec 18, 2009

Certificate Number: 152010145841133

**RMT**

Health • Safety • Wellness  
L I F E I N B A L A N C E

*Joan D. Ouellet*

Corporate Health & Safety Manager

**RMT, Inc.**

*Awards This Certificate To*

**David B. McKenzie**

Name

*For Successful Completion of the course*

8 Hour HAZWOPER Refresher Training

Course Name

Date: Dec 3, 2009

Certificate Number: 1232009125350943

**RMT** | **Health•Safety•Wellness**  
L I F E I N B A L A N C E

*Joan D. Ouellet*

Corporate Health & Safety Manager

100

100-443886-100

[illegible]

# THE FINE ARTS

**Figure 1**

[illegible]

THE UNIVERSITY OF CHICAGO

مجلس شورای اسلامی  
جمهوری اسلامی ایران

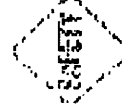
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847

3492-51-05

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**18723**

**En: Dar.**



**THE**

[illegible]

800-235-6600 • 10000 S. Highway 100 • Suite 100 • Santa Valley, CA 95065  
 950-235-6600 • 950-235-6601 • 950-235-6602 • 950-235-6603 • 950-235-6604

11: 53-59, 62-63, 65-66

**Wissenschaftszentrum für Sozialforschung**

# Certificate of Completion

*This certifies that*

**Shane Higgins**

Has Successfully Completed

**OSHA 40 Hour HAZWOPER Training**

Annual Refresher Training Required

In Accordance With Federal OSHA Regulation 29 CFR 1910.120

And of State OSHA and EPA Regulations As Well

Julius P. Griggs

Julius P. Griggs  
Instructor #2292

100163126468

Certificate Number

1/3/2010

Issue Date



**SAFETY OPERATED, INC.**

OS 16 Oak Park Drive, Fall River, MA 01931

17001 Main Street, Suite 100, Fall River, MA 01931  
508-338-1223 • 508-338-8037 • 508-338-7457  
www.safetyoperated.com

OSHA 40 Hour HAZWOPER Training Certificate

*Handwritten signature*

# Certificate of Course Completion

Hazwopcl 40 Hour Course

compliance with the 20 CFR 1910.120 Standard

12/16/2009 20:32 CST

Student's Name

Course Title

Course Completion Date

1413317

Certificate Number

# of hours approved

40

NOTE: Trainees must meet minimum standards for the training activity, and all of the personal protective equipment required for their job must be in accordance with the 20 CFR 1910.120

I hereby attest that I have completed the above named Safety course in accordance with the ethical guidelines defined by International Board of Environmental Health & Safety. I acknowledge that I received all information and took all pertinent quizzes and/or final tests.

Classroom Online  
5702 Taylor Draper Cove Ste B  
Austin, TX 78759  
T: 800.459.5908  
F: 888.742.6518



# Certificate of Completion

*This certifies that*

**Joshua Delea**

Has Successfully completed

**OSHA 40 Hour HAZWOPER Training**

Annual Refresher Training Required

In Accordance With Federal OSHA Regulation 29 CFR 1910.120

And all State OSHA and EPA Regulations As Well

*Julius P. Griggs*

Julius P. Griggs  
Instructor #892

091206226280

Certificate Number

12/16/2009

Issue Date



UNLIMITED, INC.

OSHA Compliance Training Since 1982

6270 Forest Ave. Suite 100, Santa Valley, CA 95065  
800-364-7228 • 908-325-8077 • 908-325-7037 (F)  
www.unlimited.com

Verify the accuracy of this information by visiting our website at [www.unlimited.com](http://www.unlimited.com)



U.S. ENVIRONMENTAL  
PROTECTION AGENCY REGION II  
OFFICE OF POLICY AND  
MANAGEMENT

THIS CERTIFIES THAT STEVEN WALL  
HAS SATISFACTORILY COMPLETED  
8 HR HEALTH AND SAFETY REFRESHER TRAINING  
COURSE IN FIELD OPERATIONS  
PURSUANT TO EPA ORDER 1440.2 AND 29 CFR 1910.120

02/5/10  
EXPIRATION DATE

*Michael Matarazzo*  
MICHAEL MATARAZZO, CH  
HEALTH AND SAFETY OFFICER



U.S. ENVIRONMENTAL  
PROTECTION AGENCY REGION II  
OFFICE OF POLICY AND  
MANAGEMENT

THIS CERTIFIES THAT STEVEN WALL has been  
FIT TESTED AND MAY USE AN EPA ISSUED  
AIR PURIFYING RESPIRATOR

1/19/11  
EXPIRATION DATE

*Michael Matarazzo*  
MICHAEL MATARAZZO, CH  
HEALTH AND SAFETY OFFICER



U.S. ENVIRONMENTAL  
PROTECTION AGENCY REGION II  
OFFICE OF POLICY AND  
MANAGEMENT

THIS CERTIFIES THAT STEVEN WALL is  
ENROLLED IN A MEDICAL MONITORING PROGRAM  
PURSUANT TO 29 CFR 1910.120 AND EPA ORDER 1440.2

7/1/10  
EXPIRATION DATE

*Michael Matarazzo*  
MICHAEL MATARAZZO, CH  
HEALTH AND SAFETY OFFICER



U.S. ENVIRONMENTAL  
PROTECTION AGENCY REGION II  
OFFICE OF POLICY AND  
MANAGEMENT

THIS CERTIFIES THAT MICHAEL A. MERCADO  
HAS SATISFACTORILY COMPLETED  
8 HR HEALTH AND SAFETY REFRESHER TRAINING  
COURSE IN FIELD OPERATIONS  
PURSUANT TO EPA ORDER 1440.2 AND 29 CFR 1910.120

02/5/10  
EXPIRATION DATE

*Michael Matarazzo*  
MICHAEL MATARAZZO, CHH  
HEALTH AND SAFETY OFFICER



U.S. ENVIRONMENTAL  
PROTECTION AGENCY REGION II  
OFFICE OF POLICY AND  
MANAGEMENT

THIS CERTIFIES THAT MICHAEL MERCADO has been

FIT TESTED AND MAY USE AN EPA ISSUED

AIR PURIFYING RESPIRATOR

1/19/11  
EXPIRATION DATE

*Michael Matarazzo*  
MICHAEL MATARAZZO, CHH  
HEALTH AND SAFETY OFFICER



U.S. ENVIRONMENTAL  
PROTECTION AGENCY REGION II  
OFFICE OF POLICY AND  
MANAGEMENT

THIS CERTIFIES THAT MICHAEL MERCADO is  
ENROLLED IN A MEDICAL MONITORING PROGRAM  
PURSUANT TO 29 CFR 1910.120 AND EPA ORDER 1440.2

6/17/10  
EXPIRATION DATE

*Michael Matarazzo*  
MICHAEL MATARAZZO, CHH  
HEALTH AND SAFETY OFFICER

**Profile GTN**

3/30/2010

Profile: 103150018

Transactions from 03/30/2010 through 03/30/2010

4:15PM

Site ID: 315

User ID: JSIRAVO

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

| Ticket   | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net   |
|--|----------|--------|----------|----------|-------------|---------------------------|-------|-------|
| 103150018 - Dayco Corp/L.E. Carpenter Superfund Site |          |        |          |          |             | Global Job Number: 113760 |       |       |
| 315000031442   | 03/30/10 | RAI880 | I        | 27311    | EWM426-EWMI | 38.88                     | 13.07 | 25.81 |
| 315000031445   | 03/30/10 | RAI881 | I        | 27312    | EWM426-EWMI | 47.58                     | 13.10 | 34.48 |
| 315000031446   | 03/30/10 | MAR892 | I        | 27313    | EWM426-EWMI | 48.93                     | 13.30 | 35.63 |
| 315000031452   | 03/30/10 | RAI883 | I        | 27314    | EWM426-EWMI | 47.60                     | 13.40 | 34.20 |
| 315000031454   | 03/30/10 | RAI888 | I        | 27315    | EWM426-EWMI | 47.60                     | 13.27 | 34.33 |
| 315000031455   | 03/30/10 | RAI887 | I        | 27316    | EWM426-EWMI | 46.86                     | 13.33 | 33.53 |
| 315000031456   | 03/30/10 | GRE210 | I        | 27319    | EWM426-EWMI | 45.67                     | 13.90 | 31.77 |
| 315000031458   | 03/30/10 | GRE205 | I        | 27318    | EWM426-EWMI | 45.96                     | 13.76 | 32.20 |
| 315000031461   | 03/30/10 | RAI885 | I        | 27321    | EWM426-EWMI | 47.99                     | 12.84 | 35.15 |
| 315000031462   | 03/30/10 | GRE203 | I        | 27320    | EWM426-EWMI | 47.30                     | 13.46 | 33.84 |
| 315000031464   | 03/30/10 | RAI71  | I        | 27324    | EWM426-EWMI | 47.92                     | 12.99 | 34.93 |
| 315000031467   | 03/30/10 | RAI886 | I        | 27322    | EWM426-EWMI | 47.78                     | 13.61 | 34.17 |
| 315000031468   | 03/30/10 | RAI91  | I        | 27323    | EWM426-EWMI | 46.07                     | 13.03 | 33.04 |
| 315000031469   | 03/30/10 | RAI873 | I        | 27326    | EWM426-EWMI | 48.74                     | 13.40 | 35.34 |
| 315000031472   | 03/30/10 | RAI889 | I        | 27327    | EWM426-EWMI | 49.49                     | 13.37 | 36.12 |
| 315000031473   | 03/30/10 | NIC207 | I        | 27328    | EWM426-EWMI | 41.11                     | 13.36 | 27.75 |
| 315000031476   | 03/30/10 | RAI877 | I        | 27329    | EWM426-EWMI | 40.42                     | 13.03 | 27.39 |
| 315000031477   | 03/30/10 | RAI882 | I        | 27325    | EWM426-EWMI | 49.96                     | 13.14 | 36.82 |
| 315000031479   | 03/30/10 | RAI862 | I        | 27330    | EWM426-EWMI | 37.01                     | 13.79 | 23.22 |
| 315000031482   | 03/30/10 | NIC844 | I        | 27331    | EWM426-EWMI | 37.27                     | 13.03 | 24.24 |
| 315000031483   | 03/30/10 | GRE208 | I        | 27332    | EWM426-EWMI | 36.59                     | 13.72 | 22.87 |
| 315000031484   | 03/30/10 | NIC825 | I        | 27333    | EWM426-EWMI | 36.86                     | 12.85 | 24.01 |
| 315000031486   | 03/30/10 | GRE209 | I        | 27317    | EWM426-EWMI | 43.95                     | 13.72 | 30.23 |
| 315000031488   | 03/30/10 | RAI874 | I        | 27334    | EWM426-EWMI | 41.43                     | 12.81 | 28.62 |

**Profile GTN**

3/30/2010

Profile: 103150018

Transactions from 03/30/2010 through 03/30/2010

4:15PM

Site ID: 315

User ID: JSIRAVO

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

| Ticket  | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net   |
|---|----------|--------|----------|----------|-------------|---------------------------|-------|-------|
| <b>103150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |        |          |          |             | Global Job Number: 113760 |       |       |
| 315000031489  | 03/30/10 | RAI805 | I        | 27336    | EWM426-EWMI | 38.44                     | 13.56 | 24.88 |
| 315000031490  | 03/30/10 | RAI828 | I        | 27335    | EWM426-EWMI | 39.21                     | 13.22 | 25.99 |
| 315000031491  | 03/30/10 | RAI891 | I        | 27337    | EWM426-EWMI | 41.27                     | 13.50 | 27.77 |
| 315000031493  | 03/30/10 | RAI872 | I        | 27338    | EWM426-EWMI | 45.70                     | 13.33 | 32.37 |
| 315000031495  | 03/30/10 | NIC103 | I        | 27339    | EWM426-EWMI | 47.49                     | 12.35 | 35.14 |
| 315000031497  | 03/30/10 | RAI890 | I        | 27340    | EWM426-EWMI | 47.85                     | 13.53 | 34.32 |
| 315000031502  | 03/30/10 | RAI871 | I        | 27341    | EWM426-EWMI | 48.42                     | 13.37 | 35.05 |
| 315000031505  | 03/30/10 | RAI893 | I        | 27342    | EWM426-EWMI | 47.14                     | 12.69 | 34.45 |
| 315000031509  | 03/30/10 | RAI02  | I        | 27343    | EWM426-EWMI | 52.82                     | 13.54 | 39.28 |
| 315000031510  | 03/30/10 | NIC870 | I        | 27344    | EWM426-EWMI | 52.01                     | 13.21 | 38.80 |
| 315000031520  | 03/30/10 | RAI881 | I        | 27345    | EWM426-EWMI | 45.36                     | 13.10 | 32.26 |
| 315000031529  | 03/30/10 | MAR892 | I        | 27347    | EWM426-EWMI | 43.81                     | 13.30 | 30.51 |
| 315000031530  | 03/30/10 | RAI888 | I        | 27346    | EWM426-EWMI | 44.82                     | 13.27 | 31.55 |
| 315000031531  | 03/30/10 | RAI885 | I        | 27351    | EWM426-EWMI | 51.05                     | 12.84 | 38.21 |
| 315000031532  | 03/30/10 | GRE205 | I        | 27349    | EWM426-EWMI | 49.91                     | 13.76 | 36.15 |
| 315000031533  | 03/30/10 | RAI883 | I        | 27348    | EWM426-EWMI | 43.29                     | 13.40 | 29.89 |

**103150018 - Dayco Corp/L.E. Carpenter Superfund Sit**

40 tickets

1,276.31

**Report Grand Totals**

40 tickets

1,276.31

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031533

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 16:14:17 | Scale 1 |
| Out: | 3/30/2010 | 16:14:41 | P.T.    |

Manifest: 27348  
Vehicle ID: RAI883  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 86580 | 43.29 |
| Tare:  | 26800 | 13.40 |
| Net:   | 59780 | 29.89 |

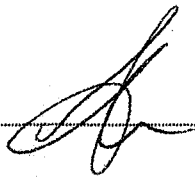
Generator: L.E. Carpenter & Company  
Gen Address: 33567 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 29.89 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27348

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL805R

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

ABSAION A

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031532

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 16:12:36 | Scale 1 |
| Out: | 3/30/2010 | 16:12:56 | P.T.    |

Manifest: 27349  
Vehicle ID: GRE205  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 99820 | 49.91 |
| Tare:  | 27520 | 13.76 |
| Net:   | 72300 | 36.15 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 36.15    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

*Jerry Alcedina*

Facility:

*Sc*  
Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27349**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

*3/30/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AM122A*

*NJ*

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Jorge Medina*

DATE

*3-30-10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*3.30.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031531

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 16:09:27 | Scale 1 |
| Out: | 3/30/2010 | 16:09:53 | P.T.    |

Manifest: 27351  
Vehicle ID: RAI885  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 102100 | 51.05 |
| Tare:  | 25600  | 12.84 |
| Net:   | 76420  | 38.21 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 38.21    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27351

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

885

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Luis Zapata

DATE

03.30.10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031530

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 15:41:29 | Scale 1 |
| Out: | 3/30/2010 | 15:42:17 | P.T.    |

Manifest: 27346  
Vehicle ID: RAI888  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 89640 | 44.82 |
| Tare:  | 26540 | 13.27 |
| Net:   | 63100 | 31.55 |

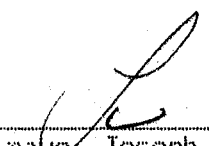
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 31.55 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility:   
Siravo, Joseph M.

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27346

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |              |
|---|-------|--|----------------|--------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.    |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | 973 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                    | BOX NUMBER-OUT | COMMENTS     |
| 888   | NJ    |  |                |              |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                               |                | DATE         |
|   |       | PRINT DRIVER'S NAME                              |                |              |
|   |       | Leo Sepulveda                                    |                | 3-30-10      |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |              |
|---|--|--------------|
| FACILITY NAME   | ADDRESS                                    | PHONE NO.    |
| Clean Earth of Southeast<br>Pennsylvania  | 7 Steel Road East<br>Morrisville, PA 19067 | 215-428-1700 |
| COMMENTS  |  |              |
|   |  |              |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE                       | DATE         |
|   | PRINT NAME                                 |              |
|   | SW   | 3.30.10      |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031529

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 15:30:01 | Scale 1 |
| Out: | 3/30/2010 | 15:30:32 | P.T.    |

Manifest: 27347  
Vehicle ID: MAR892  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 87620 | 43.81 |
| Tare:  | 26600 | 13.30 |
| Net:   | 61020 | 30.51 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 30.51 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27347**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

**Scott Pankiewicz on behalf of L.E. Carpenter & Company**

DATE

**3/30/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**892**

**AL1894**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**Rechie Ernest**

DATE

**3-30-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**3.30.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Pocket: 315000031520

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 14:54:54 | Scale 1 |
| Out: | 3/30/2010 | 14:55:24 | P.T.    |

Manifest: 27345  
Vehicle ID: RA1881  
Act 90 Decal: WH1544  
Customer: EWMI

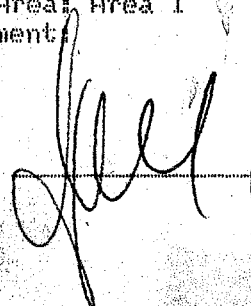
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 90720 | 45.36 |
| Tare:  | 26200 | 13.10 |
| Net:   | 64520 | 32.26 |

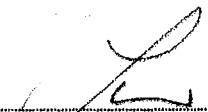
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 32.26    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility:   
Siravo, Joseph M



**All Correspondence and Invoices to:  
Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970**

27345

103802

Job/Project #

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

South Portland, Maine on behalf of L.E. Carpenter & Company

DATE \_\_\_\_\_

3/30/10

ADDRESS

PHONE NO.

## Rainbow Trucking

**167 Stephens Park Road  
Hackettstown, NJ 07840**

973 598 8845

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE \_\_\_\_\_

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

NAME **Clean Earth of Southeast  
Pennsylvania**

ADDRESS

7 Steel Road East  
Morrisville, PA 19067

PHONE NO. \_\_\_\_\_

215-428-1700

## COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE \_\_\_\_\_

PRINT NAME \_\_\_\_\_

DATE \_\_\_\_\_

3.30.10

Clean Earth of East Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031510

Date Time Scale  
In: 3/30/2010 13:38:02 Scale 1  
Out: 3/30/2010 13:39:12 P.T.

Manifest: 27344  
Vehicle ID: NIC870  
Act 90 Decal: WH7892  
Customer: EWMI


Lbs Tns  
Gross: 104020 52.01  
Tare: 26420 13.21  
Net: 77600 38.80

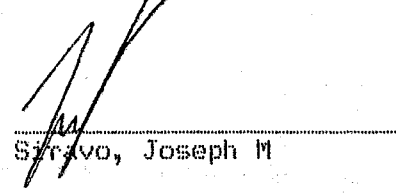
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 38.80    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Spravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27344**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlikowski*  
**Scott Pawlikowski on behalf of L.E. Carpenter & Company**


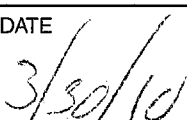

DATE

**3/30/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |              |
|---|-------|--|----------------|--------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.    |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | 973 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                    | BOX NUMBER-OUT | COMMENTS     |
| AM194E  | NJ    |  |                |              |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                               |                | DATE         |
|   |       | PRINT DRIVER'S NAME                              |                |              |
|   |       | Carlos Medina                                    |                | 03-20-10     |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |   |   |
|---|---|---|---|
| FACILITY NAME<br><b>Clean Earth of Southeast<br/>Pennsylvania</b>   |   | ADDRESS<br><b>7 Steel Road East<br/>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b>  |
| COMMENTS  |   |   |   |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br> |   | DATE<br> |
|   | PRINT NAME<br>           |   |   |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031509

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 13:29:57 | Scale 1 |
| Out: | 3/30/2010 | 13:30:39 | P.T.    |

Manifest: 27343  
Vehicle ID: RA102  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 105640 | 52.82 |
| Tare:  | 27080  | 13.54 |
| Net:   | 78560  | 39.28 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                         |       |     |
|----------------|-------------------------|-------|-----|
| Not Applicable | Soil Treatment Type III | 39.28 | Tns |
|----------------|-------------------------|-------|-----|

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27343**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33687 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Prochukiewicz on behalf of L.E. Carpenter & Company*

DATE

*3/30/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AL 685B / 02 NV*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Thonny G Porras*

*Thonny G Porras*

DATE

*03/30/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*3.30.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27342  
Vehicle ID: RAI893  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket#: 315000031505

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 13:16:24 | Scale 1 |
| Out: | 3/30/2010 | 13:16:48 | P.T.    |

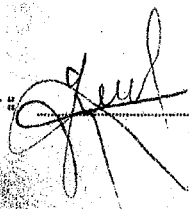
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 94280 | 47.14 |
| Tare:  | 25380 | 12.69 |
| Net:   | 68900 | 34.45 |


Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.45    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27342

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulikiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

893

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Johnny A. Delo

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3-30-10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27341  
Vehicle ID: RAI071  
Act 90 Decal: WH1544  
Customer: EWHI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031502

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:59:14 | Scale 1 |
| Out: | 3/30/2010 | 12:59:50 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 96840 | 48.42 |
| Tare:  | 26740 | 13.37 |
| Net:   | 70100 | 35.05 |


Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 35.05 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Sirano, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27341**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
|  |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlowski on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |                                  |
|---|---|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM285B</b>   | STATE<br><b>NJ</b>  | BOX NUMBER-IN<br><b>60100</b>    |
|   |   | BOX NUMBER-OUT<br><b>60840</b>   |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |   | COMMENTS<br><b>3-30-10</b>       |
| DRIVER'S SIGNATURE  |   | DATE                             |
| PRINT DRIVER'S NAME   |   |                                  |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |                                  |
|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |   |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br><b>Scott Pawlowski</b>                      | DATE<br><b>3.30.10</b>           |
|   | PRINT NAME<br><b>Scott Pawlowski</b>                                |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031497

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:41:58 | Scale 1 |
| Out: | 3/30/2010 | 12:42:30 | P.T.    |

Manifest: 273340  
Vehicle ID: RAI890  
Act 90 Decal: WH1544  
Customer: EWMI

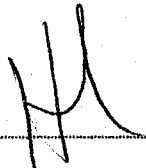
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95700 | 47.85 |
| Tare:  | 27060 | 13.53 |
| Net:   | 68640 | 34.32 |

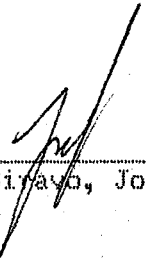
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.32    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Sirayo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27340**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankleberry*  
**Scott Pankleberry on behalf of L.E. Carpenter & Company**

DATE

**3/30/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AM191E**

**NJ**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Hector Lopez*  
**Hector Lopez**

DATE

**3.30.10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19057**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*Joe Sirave*  
**Joe Sirave**

DATE

**3/30/10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031495

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:36:27 | Scale 1 |
| Out: | 3/30/2010 | 12:37:26 | P.T.    |

Manifest: 27339  
Vehicle ID: NIC103  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 94980 | 47.49 |
| Tare:  | 24700 | 12.35 |
| Net:   | 70280 | 35.14 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                         |       |     |
|----------------|-------------------------|-------|-----|
| Not Applicable | Soil Treatment Type III | 35.14 | Tns |
|----------------|-------------------------|-------|-----|

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27339**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

**Scott Pankiewicz on behalf of L.E. Carpenter & Company**

DATE

**3/30/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AL725P**

**NT**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**Hernando Puss**

DATE

**03-30-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**3.30.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27338  
Vehicle ID: RA1872  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031493

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:29:13 | Scale 1 |
| Out: | 3/30/2010 | 12:30:19 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 91400 | 45.70 |
| Tare:  | 26660 | 13.33 |
| Net:   | 64740 | 32.37 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 32.37    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27338**

**103802**

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

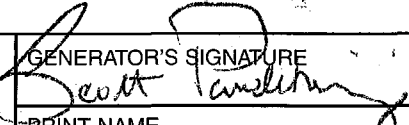
COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012


**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

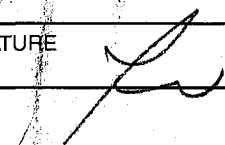
24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY  | SIZE/TYPE | DESCRIPTION  | APPROVAL CODE | WEIGHT/VOLUME   |
|---|-----------|--|---------------|-----------------|
| XX1   | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated   | 103150018     | Est. 22 Tons    |
|   |           |  |               |                 |
|   |           |  |               |                 |
|   |           |  |               |                 |
|   |           |  |               |                 |
|   |           | Clean Earth PO # 01-103802-01  |               |                 |
|   |           |  |               |                 |
| I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |           | GENERATOR'S SIGNATURE<br><br>PRINT NAME<br>Scott Pankiewicz on behalf of L.E. Carpenter & Company |               | DATE<br>3/30/10 |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME  |       | ADDRESS   | PHONE NO.       |
|---|-------|---|-----------------|
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackettstown, NJ 07840  | 973 598 8845    |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN   | BOX NUMBER-OUT  |
| AM635D  | N.J.  |   |                 |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE<br><br>PRINT DRIVER'S NAME<br>Jose Montano | DATE<br>3/30/10 |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWTI AND GENERATOR)

| FACILITY NAME   | ADDRESS   | PHONE NO.       |
|---|---|-----------------|
| Clean Earth of Southeast<br>Pennsylvania  | 7 Steel Road East<br>Morrisville, PA 19067  | 215-428-1700    |
| COMMENTS  |   |                 |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br><br>PRINT NAME | DATE<br>3.30.10 |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031491

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:20:49 | Scale 1 |
| Out: | 3/30/2010 | 12:21:54 | P.T.    |

Manifest: 27337  
Vehicle ID: RA1891  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82540 | 41.27 |
| Tare:  | 27000 | 13.50 |
| Net:   | 55540 | 27.77 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |      |
|----------------|------------------------|-------|------|
| Not Applicable | Soil Treatment Type IV | 57.77 | Tons |
|----------------|------------------------|-------|------|



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27337**

**103802**

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

**Scott Pankiewicz on behalf of L.E. Carpenter & Company**

DATE

**3/30/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

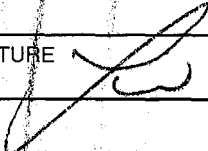
**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN       | BOX NUMBER-OUT | COMMENTS |
|---|-------|---------------------|----------------|----------|
| ALS69T  | NJ    | 891                 |                |          |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE  |                | DATE     |
|   |       | PRINT DRIVER'S NAME |                |          |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |                                  |
|---|--|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast<br/>Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East<br/>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE  |   | DATE<br><b>3.30.10</b>           |
|   | PRINT NAME   |   |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031490

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:18:49 | Scale 1 |
| Out: | 3/30/2010 | 12:19:32 | P.T.    |

Manifest: 27335  
Vehicle ID: RA1828  
Act 90 Decal: WH7892  
Customer: EWMI


|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 78420 | 39.21 |
| Tare:  | 26440 | 13.22 |
| Net:   | 51980 | 25.99 |


Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 25.99 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27335

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Penickiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

828/AM854 NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jaime Molina

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morgantown, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031489

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:15:49 | Scale 1 |
| Out: | 3/30/2010 | 12:16:00 | P.T.    |

Manifest: 27336  
Vehicle ID: RAI805  
Act 90 Decal: WH1544  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 76880 | 38.44 |
| Tare:  | 27120 | 13.56 |
| Net:   | 49760 | 24.88 |

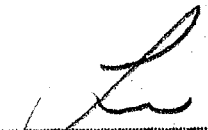
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.88    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Silva, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27336

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paul Mertz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL 862 U

NJ

R-805

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

JULIO GONZALEZ

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27334  
Vehicle ID: RA1874  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031488

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 12:10:11 | Scale 1 |
| Out: | 3/30/2010 | 12:10:28 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82860 | 41.43 |
| Tare:  | 25620 | 12.81 |
| Net:   | 57240 | 28.62 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 28.62 Tns     |

Storage Area: Area 1  
Comment:

Driver:

*Joe F.*

Facility:

*Joseph M*  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27334**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pashchuk on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

| VEHICLE I.D. NO. | STATE | BOX NUMBER-IN | BOX NUMBER-OUT | COMMENTS |
|------------------|-------|---------------|----------------|----------|
| (874)<br>AL130M  | N.J.  |               |                |          |

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jose F.  
Jose F.

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

[Signature]

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031406

|      | Date      | Time     | Scale    |
|------|-----------|----------|----------|
| In:  | 3/30/2010 | 12:05:01 | Manual W |
| Out: | 3/30/2010 | 12:05:19 | P.T.     |

Manifest: 27317  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 87900 | 43.95 |
| Tare:  | 27440 | 13.72 |
| Net:   | 60460 | 30.23 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 30.23 Tns     |

Storage Area: Area 1  
Comment:

Driver:

*Christian Zayach*

Facility:

*Joe*  
Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27317

GRC209

Job/Project #

87900

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road  
Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

**AM637D**

STATE

**NJ**

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**Christian Zapata**  
**Christian Zapata**

DATE

**03/30/10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast  
Pennsylvania**

ADDRESS

**7 Steel Road East  
Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**3-30-10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031404

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:58:35 | Scale 1 |
| Out: | 3/30/2010 | 12:00:03 | P.T.    |

Manifest: 27333  
Vehicle ID: NIC825  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73720 | 36.86 |
| Tare:  | 25700 | 12.85 |
| Net:   | 48020 | 24.01 |

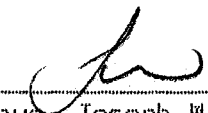
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.01    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravoy, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27333**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz*  
Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

*3/30/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

**AM2344**

STATE

**586**

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Andres Sabogal*  
**Andres Sabogal**

DATE

**03-30-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast**  
**Pennsylvania**

ADDRESS

**7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*[Signature]*  
**3.30.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031483

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:57:30 | Scale 1 |
| Out: | 3/30/2010 | 11:57:50 | P.T.    |

Manifest: 27332  
Vehicle ID: GRE208  
Act 90 Decal: WH12291  
Customer: EWMI

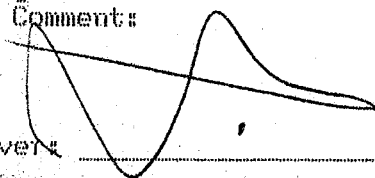
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73180 | 36.59 |
| Tare:  | 27440 | 13.72 |
| Net:   | 45740 | 22.87 |

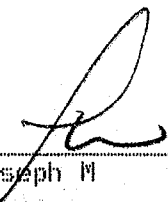
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 22.87 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27332

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM636.0

NJ

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Scot D. Roman

Scot D. Roman

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

[Signature]

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031482

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:54:44 | Scale 1 |
| Out: | 3/30/2010 | 11:55:32 | P.T.    |

Manifest: 27331  
Vehicle ID: NIC844  
Act 90 Decal: WH7892  
Customer: EMMI

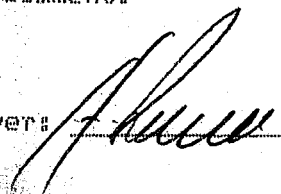
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74540 | 37.27 |
| Tare:  | 26060 | 13.03 |
| Net:   | 48480 | 24.24 |

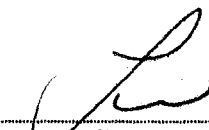
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.24    | Tns  |

Storage Area: Area 1  
Comments:

Driver: 

Facility: 

Siraco, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27331

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Frankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM235 M

NJ

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Hector Ramos

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031479

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:47:48 | Scale 1 |
| Out: | 3/30/2010 | 11:48:09 | P.T.    |

Manifest: 27330  
Vehicle ID: RAI862  
Act 90 Decal: WH7892  
Customer: EWMI

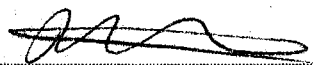
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74020 | 37.01 |
| Tare:  | 27580 | 13.79 |
| Net:   | 46440 | 23.22 |

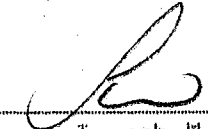
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 23.22 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27330**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL251K

NY

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

William Zolota

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031477

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:43:04 | Scale 1 |
| Out: | 3/30/2010 | 11:43:24 | P.T.    |

Manifest: 27325  
Vehicle ID: RAI082  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 99920 | 49.96 |
| Tare:  | 26280 | 13.14 |
| Net:   | 73640 | 36.82 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 36.82    | Tns  |

Storage Area: Area 1  
Comments:

Driver: M. Z.

Facility: Siravd. Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27325

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM286B

NJ

882

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

MARK ZUCKERMAN

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031476

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:39:14 | Scale 1 |
| Out: | 3/30/2010 | 11:40:04 | P.T.    |

Manifest: 27329  
Vehicle ID: RA1877  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 80840 | 40.42 |
| Tare:  | 26060 | 13.03 |
| Net:   | 54780 | 27.39 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.39    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27329**  
Job/Project #, **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

**Scott Paulkiewicz on behalf of L.E. Carpenter & Company**

DATE

**3/30/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |             |  |                |                     |
|---|-------------|--|----------------|---------------------|
| COMPANY NAME  |             | ADDRESS  |                | PHONE NO.           |
| <b>Rainbow Trucking</b>   |             | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | <b>973 598 8845</b> |
| VEHICLE ID NO.  | STATE       | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS            |
| <b>AL773N</b><br><b>#877</b>  | <b>N.J.</b> |  |                |                     |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |             | DRIVER'S SIGNATURE   |                | DATE                |
|   |             | PRINT DRIVER'S NAME  |                |                     |
|   |             | <b>Jorge I Toro</b>  |                | <b>3/30/10</b>      |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |                     |
|---|--|---------------------|
| FACILITY NAME   | ADDRESS  | PHONE NO.           |
| <b>Clean Earth of Southeast Pennsylvania</b>  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | <b>215-428-1700</b> |
| COMMENTS  |  |                     |
|   |  |                     |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE                                     | DATE                |
|   | PRINT NAME   |                     |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031473

|      | Date      | Time     | Scale    |
|------|-----------|----------|----------|
| In:  | 3/30/2010 | 11:31:24 | Scale 1  |
| Out: | 3/30/2010 | 11:33:43 | Manual W |

Manifest: 27328  
Vehicle ID: NIC207  
Act 90 Decal:  
Customer: EWMI


|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82220 | 41.11 |
| Tare:  | 26720 | 13.36 |
| Net:   | 55500 | 27.75 |

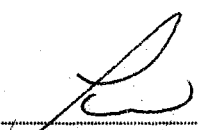
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.75    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27328 76720

Job/Project #

103802

WH 7692

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS:

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AMB56L

N.J.

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Cesar Bedoya

DATE

03/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031472

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:29:20 | Scale 1 |
| Out: | 3/30/2010 | 11:29:55 | P.T.    |

Manifest: 27327  
Vehicle ID: RAI889  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 98980 | 49.49 |
| Tare:  | 26740 | 13.37 |
| Net:   | 72240 | 36.12 |

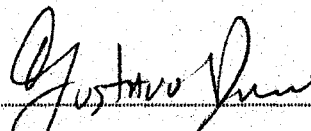
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

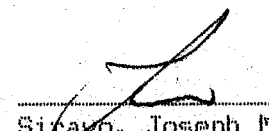
| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 36.12 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

  
Sicard, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27327

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulsen on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

**AL6405**  
**884**

STATE

**NJ**

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**GUSTAVO TORO**

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast**  
**Pennsylvania**

ADDRESS

**7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031469

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:20:03 | Scale 1 |
| Out: | 3/30/2010 | 11:20:27 | P.T.    |

Manifest: 27326  
Vehicle ID: RAI873  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 97400 | 48.74 |
| Tare:  | 26800 | 13.40 |
| Net:   | 70600 | 35.34 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 35.34 Tns     |

Storage Area: Area 1  
Comment:

Driver: ED wh

Facility: LA

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27326**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlenty*  
Scott Pawlenty on behalf of L.E. Carpenter & Company

DATE

*3/30/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AL320L #873*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Frank Bifulco*

*Frank Bifulco*

DATE

*3/30/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast**  
**Pennsylvania**

ADDRESS

**7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

*3.30.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031468

|      | Date      | Time     | Scale    |
|------|-----------|----------|----------|
| In:  | 3/30/2010 | 11:16:02 | Scale 1  |
| Out: | 3/30/2010 | 11:16:47 | Manual W |

Manifest: 27323  
Vehicle ID: RAI91  
Act 90 Decal: W41544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 92140 | 46.07 |
| Tare:  | 26060 | 13.03 |
| Net:   | 66080 | 33.04 |

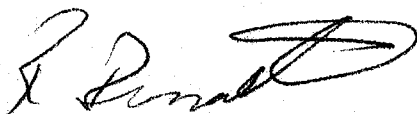
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885


| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 33.04 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27323

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM351H

NJ

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

RICH BIANCULLI

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27322  
Vehicle ID: RA1886  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031467

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:14:14 | Scale 1 |
| Out: | 3/30/2010 | 11:14:41 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95560 | 47.70 |
| Tare:  | 27220 | 13.61 |
| Net:   | 68340 | 34.17 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 34.17 Tns     |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27322**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott T. Murphy*  
Scott T. Murphy on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackensack, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AL 6395*

*NJ*

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Carlos Gomez*  
Carlos Gomez

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031464

|      | Date      | Time     | Scale    |
|------|-----------|----------|----------|
| In:  | 3/30/2010 | 11:06:30 | Scale 1  |
| Out: | 3/30/2010 | 11:07:39 | Manual W |

Manifest: 27324  
Vehicle ID: RAI71  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95840 | 47.92 |
| Tare:  | 25980 | 12.99 |
| Net:   | 69860 | 34.93 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.93    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo Joseph M



**All Correspondence and Invoices to:**  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
**14 Brick Kiln Court**  
**Northampton, PA 18067**  
**Phone 484-275-6900**  
**Fax 484-275-6970**

27324

RA171 103802 25960

**877-460-1038**

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

SocB Partholowitz on behalf of L.E. Carpenter & Company

3/30/10

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

PRINT DRIVER'S NAME

3-30-10

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

PRINT NAME \_\_\_\_\_

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27320  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031462

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 11:00:20 | Scale 1 |
| Out: | 3/30/2010 | 11:00:51 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 94600 | 47.30 |
| Tare:  | 26920 | 13.46 |
| Net:   | 67680 | 33.84 |

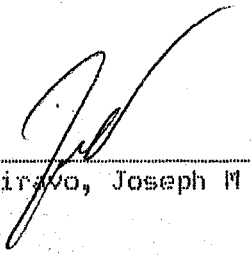
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 33.84 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27320

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Soil Production on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

203

NJ

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Soil Gonzalez

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

Joe Strano

DATE

3-30-10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031461

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:57:36 | Scale 1 |
| Out: | 3/30/2010 | 10:57:57 | P.T.    |

Manifest: 27321  
Vehicle ID: RAI885  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95980 | 47.99 |
| Tare:  | 25680 | 12.84 |
| Net:   | 70300 | 35.15 |

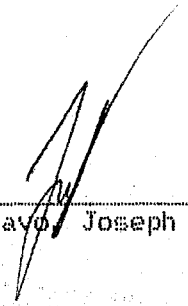
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 35.15 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27321

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pambolnick on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

885

NJ

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Luis Zapata

DATE

03-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

Joe Siravo

DATE

3/30/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031458

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:47:45 | Scale 1 |
| Out: | 3/30/2010 | 10:48:22 | P.T.    |

Manifest: 27318  
Vehicle ID: GRE205  
Act 90 Decal: WH7892  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 91920 | 45.96 |
| Tare:  | 27520 | 13.76 |
| Net:   | 64400 | 32.20 |

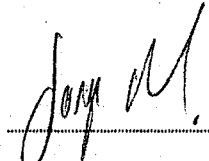
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

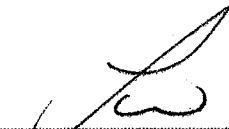
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 32.20 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27318

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |              |
|---|-------|--|----------------|--------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.    |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | 973 586 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                    | BOX NUMBER-OUT | COMMENTS     |
| AM122A  | NJ    |  |                |              |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                               |                | DATE         |
|   |       | PRINT DRIVER'S NAME                              |                |              |
|   |       | George Medina                                    |                | 3/30/10      |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |                      |
|---|--|----------------------|
| FACILITY NAME   | ADDRESS                                    | PHONE NO.            |
| Clean Earth of Southeast Pennsylvania   | 7 Steel Road East<br>Morrisville, PA 19067 | 215-428-1700         |
| COMMENTS  |  |                      |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE |
|   |  | DATE                 |
|   |  | 3-30-10              |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031456

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:41:35 | Scale 1 |
| Out: | 3/30/2010 | 10:41:57 | P.T.    |

Manifest: 27319  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EWMI


|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 91340 | 45.67 |
| Tare:  | 27800 | 13.90 |
| Net:   | 63540 | 31.77 |

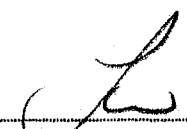
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 31.77    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27319

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**  
WA

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

12291

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

APL638D

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Edisson Valencia

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27316  
Vehicle ID: RAI887  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031455

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:38:50 | Scale 1 |
| Out: | 3/30/2010 | 10:39:20 | P.T.    |

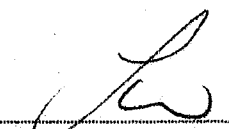
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 93720 | 46.86 |
| Tare:  | 26660 | 13.33 |
| Net:   | 67060 | 33.53 |

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 33.53    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Signed: Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27316**

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |           |  |                |                     |
|---|-----------|--|----------------|---------------------|
| COMPANY NAME  |           | ADDRESS  |                | PHONE NO.           |
| <b>Rainbow Trucking</b>   |           | <b>167 Stephens Park Road<br/>Hackettstown, NJ 07840</b> |                | <b>973 598 8845</b> |
| VEHICLE I.D. NO.  | STATE     | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS            |
| <b>AL6545</b>   | <b>NJ</b> | <b>887</b>   | <b>887</b>     |                     |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |           |  |                | DATE                |
| DRIVER'S SIGNATURE  |           |  |                | <b>3/30/10</b>      |
| PRINT DRIVER'S NAME   |           |  |                |                     |
| <b>Jose F Cardenas</b>  |           |  |                |                     |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                     |
|---|--|--|--|---------------------|
| FACILITY NAME   |  | ADDRESS  |  | PHONE NO.           |
| <b>Clean Earth of Southeast<br/>Pennsylvania</b>  |  | <b>7 Steel Road East<br/>Morrisville, PA 19067</b> |  | <b>215-428-1700</b> |
| COMMENTS  |  |  |  |                     |
|   |  |  |  |                     |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  |  |  | DATE                |
| AUTHORIZED SIGNATURE  |  |  |  | <b>3.30.10</b>      |
| PRINT NAME  |  |  |  |                     |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031454

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:37:09 | Scale 1 |
| Out: | 3/30/2010 | 10:37:38 | P.T.    |

Manifest: 27315  
Vehicle ID: RAI888  
Act 90 Decal: WH1544  
Customer: EWMI

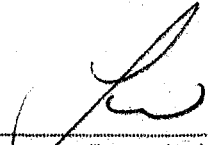
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95200 | 47.60 |
| Tare:  | 26540 | 13.27 |
| Net:   | 68660 | 34.33 |

|                                     |   |
|-------------------------------------|---|
| Generator: L.E. Carpenter & Company | Facility Approval#: 103150018           |
| Gen Address: 33587 Walker Rd.       | Job Name: Dayco Corp/L.E. Carpenter Sup |
| Avon Lake, OH 44012                 | Job Address: 170 N. Main St.            |
|                                     | Wharton, NJ 07805                       |

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.33    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siraya, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Management, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27315

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pashkevich on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|                  |       |  |                |              |
|------------------|-------|--|----------------|--------------|
| COMPANY NAME     |       | ADDRESS  |                | PHONE NO.    |
| Rainbow Trucking |       | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | 973 598 8845 |
| VEHICLE I.D. NO. | STATE | BOX NUMBER-IN                                    | BOX NUMBER-OUT | COMMENTS     |
| 888              | NJ    |  |                |              |

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Leo Sepulveda

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |              |
|---|--|--|--|--------------|
| FACILITY NAME   |  | ADDRESS                                    |  | PHONE NO.    |
| Clean Earth of Southeast Pennsylvania   |  | 7 Steel Road East<br>Morrisville, PA 19067 |  | 215-428-1700 |
| COMMENTS  |  |  |  |              |
|   |  |  |  |              |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                       |  | DATE         |
|   |  | PRINT NAME                                 |  | 3.3.10       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031452

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:32:05 | Scale 1 |
| Out: | 3/30/2010 | 10:32:31 | P.T.    |

Manifest: 27314  
Vehicle ID: RAI883  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95200 | 47.60 |
| Tare:  | 26800 | 13.40 |
| Net:   | 68400 | 34.20 |


Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.20    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27314

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Proffitt on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

AL80SK

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

ABSAION A.

Alan Aron

DATE

03-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast**  
**Pennsylvania**

ADDRESS

**7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

L

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031446

|      | Date      | Time     | Scale    |
|------|-----------|----------|----------|
| In:  | 3/30/2010 | 10:13:13 | Scale 1  |
| Out: | 3/30/2010 | 10:16:20 | Manual W |

Manifest: 27313  
Vehicle ID: MAR892  
Act 90 Decal:  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 97860 | 48.93 |
| Tare:  | 26600 | 13.30 |
| Net:   | 71260 | 35.63 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 35.63 Tns     |

Storage Area: Area 1  
Comment:

Driver:

*Richie C.*

Facility:

*[Signature]*  
Siravo, Joseph M



26600  
wt 1544

Job/Project #

DATE \_\_\_\_\_

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031445

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:10:56 | Scale 1 |
| Out: | 3/30/2010 | 10:11:22 | P.T.    |

Manifest: 27312  
Vehicle ID: RA1881  
Act 90 Decal: WH1544  
Customer: EWMI

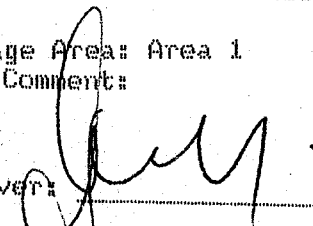
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 95160 | 47.58 |
| Tare:  | 26200 | 13.10 |
| Net:   | 68960 | 34.48 |


Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 34.48 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravon Inseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27312

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

167 Stephens Park Road  
Hackettstown, NJ 07840

PHONE NO.

973 598 8845

VEHICLE I.D. NO.

AL803R

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

John Pankiewicz

DATE

3-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast  
Pennsylvania**

ADDRESS

7 Steel Road East  
Morrisville, PA 19067

PHONE NO.

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27311  
Vehicle ID: RAI880  
Act 90 Decal: WH1544  
Customer: EMMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 31500031442

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/30/2010 | 10:05:33 | Scale 1 |
| Out: | 3/30/2010 | 10:05:50 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 77760 | 30.88 |
| Tare:  | 26140 | 13.07 |
| Net:   | 51620 | 25.81 |

Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 25.81    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

*Joseph M. Sirayo*

Facility:

*Joseph M. Sirayo*  
Sirayo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27311

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

DATE

3/30/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

03-30-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.30.10

**Profile GTN**

3/31/2010

Profile: 103150018

Transactions from 03/31/2010 through 03/31/2010

5:15PM

Site ID: 315

User ID: JSIRAVO

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

| Ticket   | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net   |
|--|----------|--------|----------|----------|-------------|---------------------------|-------|-------|
| <b>03150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |        |          |          |             | Global Job Number: 113760 |       |       |
| 315000031552   | 03/31/10 | RAI91  | I        | 27352    | EWM426-EWMI | 46.55                     | 13.04 | 33.51 |
| 315000031553   | 03/31/10 | RAI862 | I        | 27356    | EWM426-EWMI | 48.43                     | 13.79 | 34.64 |
| 315000031555   | 03/31/10 | RAI890 | I        | 27354    | EWM426-EWMI | 47.38                     | 13.53 | 33.85 |
| 315000031557   | 03/31/10 | RAI71  | I        | 27353    | EWM426-EWMI | 45.87                     | 12.99 | 32.88 |
| 315000031559   | 03/31/10 | RAI872 | I        | 27355    | EWM426-EWMI | 45.68                     | 13.33 | 32.35 |
| 315000031565   | 03/31/10 | RAI874 | I        | 27359    | EWM426-EWMI | 49.93                     | 12.81 | 37.12 |
| 315000031567   | 03/31/10 | RAI889 | I        | 27360    | EWM426-EWMI | 48.64                     | 13.37 | 35.27 |
| 315000031570   | 03/31/10 | NIC207 | I        | 27361    | EWM426-EWMI | 48.76                     | 13.36 | 35.40 |
| 315000031574   | 03/31/10 | GRE204 | I        | 27358    | EWM426-EWMI | 55.61                     | 13.02 | 42.59 |
| 315000031577   | 03/31/10 | GRE208 | I        | 27368    | EWM426-EWMI | 48.06                     | 13.72 | 34.34 |
| 315000031581   | 03/31/10 | NIC79  | I        | 27362    | EWM426-EWMI | 53.21                     | 13.21 | 40.00 |
| 315000031582   | 03/31/10 | RAI828 | I        | 27363    | EWM426-EWMI | 48.72                     | 13.22 | 35.50 |
| 315000031583   | 03/31/10 | RAI873 | I        | 27364    | EWM426-EWMI | 52.29                     | 13.40 | 38.89 |
| 315000031589   | 03/31/10 | NIC103 | I        | 27369    | EWM426-EWMI | 54.01                     | 12.35 | 41.66 |
| 315000031590   | 03/31/10 | RAI805 | I        | 27370    | EWM426-EWMI | 48.32                     | 13.56 | 34.76 |
| 315000031591   | 03/31/10 | GRE205 | I        | 27366    | EWM426-EWMI | 52.32                     | 13.76 | 38.56 |
| 315000031592   | 03/31/10 | GRE210 | I        | 27365    | EWM426-EWMI | 52.00                     | 13.90 | 38.10 |
| 315000031593   | 03/31/10 | GRE203 | I        | 27367    | EWM426-EWMI | 53.03                     | 13.46 | 39.57 |
| 315000031594   | 03/31/10 | GRE209 | I        | 27357    | EWM426-EWMI | 48.74                     | 13.72 | 35.02 |
| 315000031596   | 03/31/10 | RAI877 | I        | 27371    | EWM426-EWMI | 48.30                     | 13.03 | 35.27 |
| 315000031598   | 03/31/10 | RAI886 | I        | 27373    | EWM426-EWMI | 52.21                     | 13.61 | 38.60 |
| 315000031600   | 03/31/10 | NIC870 | I        | 27374    | EWM426-EWMI | 43.04                     | 13.21 | 29.83 |
| 315000031633   | 03/31/10 | RAI887 | I        | 27372    | EWM426-EWMI | 54.08                     | 13.33 | 40.75 |
| 315000031634   | 03/31/10 | RAI862 | I        | 27375    | EWM426-EWMI | 39.99                     | 13.79 | 26.20 |

**Profile GTN**

3/31/2010

Profile: 103150018

Transactions from 03/31/2010 through 03/31/2010

5:15PM

Site ID: 315

User ID: JSIRAVO

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

| Ticket  | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net   |
|---|----------|--------|----------|----------|-------------|---------------------------|-------|-------|
| <b>103150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |        |          |          |             | Global Job Number: 113760 |       |       |
| 315000031635  | 03/31/10 | RAI890 | I        | 27376    | EWM426-EWMI | 39.86                     | 13.53 | 26.33 |
| 315000031636  | 03/31/10 | RAI872 | I        | 27377    | EWM426-EWMI | 38.71                     | 13.33 | 25.38 |
| 315000031637  | 03/31/10 | RAI874 | I        | 27378    | EWM426-EWMI | 37.78                     | 12.81 | 24.97 |
| 315000031638  | 03/31/10 | NIC207 | I        | 27379    | EWM426-EWMI | 37.17                     | 13.36 | 23.81 |
| 315000031639  | 03/31/10 | RAI889 | I        | 27380    | EWM426-EWMI | 36.55                     | 13.37 | 23.18 |
| 315000031642  | 03/31/10 | RAI828 | I        | 27381    | EWM426-EWMI | 36.32                     | 13.22 | 23.10 |
| 315000031643  | 03/31/10 | NIC79  | I        | 27382    | EWM426-EWMI | 37.37                     | 13.21 | 24.16 |
| 315000031644  | 03/31/10 | GRE208 | I        | 27383    | EWM426-EWMI | 37.03                     | 13.72 | 23.31 |
| 315000031647  | 03/31/10 | RAI873 | I        | 27384    | EWM426-EWMI | 40.52                     | 13.40 | 27.12 |
| 315000031648  | 03/31/10 | NIC103 | I        | 27385    | EWM426-EWMI | 40.00                     | 12.35 | 27.65 |
| 315000031651  | 03/31/10 | RAI805 | I        | 27386    | EWM426-EWMI | 41.46                     | 13.56 | 27.90 |
| 315000031652  | 03/31/10 | GRE205 | I        | 27387    | EWM426-EWMI | 41.10                     | 13.76 | 27.34 |
| 315000031653  | 03/31/10 | GRE210 | I        | 27388    | EWM426-EWMI | 39.57                     | 13.90 | 25.67 |
| 315000031654  | 03/31/10 | GRE209 | I        | 27395    | EWM426-EWMI | 35.21                     | 13.72 | 21.49 |
| 315000031655  | 03/31/10 | GRE203 | I        | 27394    | EWM426-EWMI | 39.22                     | 13.46 | 25.76 |
| 315000031656  | 03/31/10 | RAI886 | I        | 27396    | EWM426-EWMI | 38.98                     | 13.61 | 25.37 |

**103150018 - Dayco Corp/L.E. Carpenter Superfund Sit**

40 tickets

1,267.20

**Report Grand Totals**

40 tickets

1,267.20

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031656

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 17:10:52 | Scale 1 |
| Out: | 3/31/2010 | 17:11:34 | P.T.    |

Manifest: 27396  
Vehicle ID: RA1886  
Act 90 Decal: WH1544  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 77960 | 38.98 |
| Tare:  | 27220 | 13.61 |
| Net:   | 50740 | 25.37 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 25.37    | Tns  |

Storage Area: Area 1  
Comment:



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27396

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME            | ADDRESS  | PHONE NO.             |
|-------------------------|--|-----------------------|
| <b>Rainbow Trucking</b> | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | <b>(973) 598 8845</b> |
| VEHICLE I.D. NO.        | STATE  | BOX NUMBER-IN         |
| ALC395.                 | NJ   |                       |
| BOX NUMBER-OUT          | COMMENTS   |                       |
|                         |  |                       |
| DRIVER'S SIGNATURE      | DATE   |                       |
| <i>[Signature]</i>      | 3/31/10  |                       |
| PRINT DRIVER'S NAME     |  |                       |
| Carlos Garcia           |  |                       |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME                                | ADDRESS  | PHONE NO.           |
|--|--|---------------------|
| <b>Clean Earth of Southeast Pennsylvania</b> | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | <b>215-428-1700</b> |
| COMMENTS                                     |  |                     |
|  |  |                     |
| AUTHORIZED SIGNATURE                         | DATE   |                     |
| <i>[Signature]</i>                           | 3/31/10  |                     |
| PRINT NAME                                   |  |                     |
| Joe Sirard                                   |  |                     |

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27394  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031655

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:55:04 | Scale 1 |
| Out: | 3/31/2010 | 16:55:26 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 78440 | 39.22 |
| Tare:  | 26920 | 13.46 |
| Net:   | 51520 | 25.76 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 25.76 Tns     |

# Non Hazardous Manifest/Bill Of Lading

**All Correspondence and Invoices to:**  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
**14 Brick Kiln Court**  
**Northampton, PA 18067**  
**Phone 484-275-6900**  
**Fax 484-275-6970**

Document #

27394

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS  
**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

**IN CASE OF EMERGENCY: RAPID RESPONSE, INC.**

24 HOUR EMERGENCY PHONE **877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                               | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|---|---------------|---------------|
| XX1      | DT        | Non-Hazardous Sol. DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           | Clean Earth PO # 01 103002 01             |               |               |
|          |           |   |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME Scott Jankiewicz

PRINT NAME Scott Pawlukiewicz on behalf of L.E. Carpenter & Company

DATE \_\_\_\_\_

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

## Rainbow Trucking

167 Stephens Park Road  
Hackensack, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

## COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE \_\_\_\_\_

3-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

# Clean Earth of Southeast Pennsylvania

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

---

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME \_\_\_\_\_

## DATE:

3.3/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031654

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:52:50 | Scale 1 |
| Out: | 3/31/2010 | 16:53:08 | P.T.    |

Manifest: 27395  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70420 | 35.21 |
| Tare:  | 27440 | 13.72 |
| Net:   | 42980 | 21.49 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 21.49 Tns     |

Storage Area: Area 1

Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27395

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM637D

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Cristian Zapata  
Cristian Zapata

DATE

03/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031653

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:42:15 | Scale 1 |
| Out: | 3/31/2010 | 16:42:34 | P.T.    |

Manifest: 27388  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 79140 | 39.57 |
| Tare:  | 27800 | 13.90 |
| Net:   | 51340 | 25.67 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 25.67 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27388**  
103802  
Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS  
**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Robert J. Anderson*  
Robert J. Anderson on behalf of L.E. Carpenter & Company

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |   |
|---|---|---|
| COMPANY NAME<br><b>Rainbow Trucking</b> | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>973 598 8845</b><br>( ) - |
|---|---|---|

|   |                    |               |                |          |
|---|--------------------|---------------|----------------|----------|
| VEHICLE I.D. NO.<br><b>AM 6380</b><br><b>WH 12291</b> | STATE<br><b>NJ</b> | BOX NUMBER-IN | BOX NUMBER-OUT | COMMENTS |
|---|--------------------|---------------|----------------|----------|

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Edisson Valencia*

**Edisson Valencia**

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |                                  |
|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b> | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
|---|---|----------------------------------|

|          |  |
|----------|--|
| COMMENTS |  |
|----------|--|

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

*3/31/10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031652

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:21:00 | Scale 1 |
| Out: | 3/31/2010 | 16:21:27 | P.T.    |

Manifest: 27387  
Vehicle ID: GRE205  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82200 | 41.10 |
| Tare:  | 27520 | 13.76 |
| Net:   | 54680 | 27.34 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.34    | Tns  |

Storage Area: Area 1  
Comment:



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27387

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS  
**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION   | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|---|---------------|---------------|
| XX1      | DT        | <del>Non-Hazardous Soil, DOT/RCRA Non-Regulated</del> | 103150018     | Est. 22 Tons  |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           | <b>Clean Earth PO # 01-103802-01</b>                  |               |               |
|          |           |   |               |               |
|          |           |   |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

**Scott Paulikering**  
**Scott Paulikering on behalf of L.E. Carpenter & Company**

DATE

**3/31/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |   |
|---|---|---|
| COMPANY NAME<br><b>Rainbow Trucking</b> | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>973 598 8845</b><br>( ) - |
|---|---|---|

|   |                    |   |                |                        |
|---|--------------------|---|----------------|------------------------|
| VEHICLE I.D. NO.<br><b>AM122A</b>   | STATE<br><b>NJ</b> | BOX NUMBER-IN                               | BOX NUMBER-OUT | COMMENTS               |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    |   |                | DATE<br><b>3-31-10</b> |
| DRIVER'S SIGNATURE<br><b>George Medina</b>  |                    | PRINT DRIVER'S NAME<br><b>George Medina</b> |                |                        |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |                                  |
|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b> | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
|---|---|----------------------------------|

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**3/31/10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27386  
Vehicle ID: RAI805  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031651

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:18:15 | Scale 1 |
| Out: | 3/31/2010 | 16:18:58 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82920 | 41.46 |
| Tare:  | 27120 | 13.56 |
| Net:   | 55800 | 27.90 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.90    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27386

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS  
**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

*Scott Paulikewicz*  
PRINT NAME  
Scott Paulikewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |   |
|---|---|---|
| COMPANY NAME<br><b>Rainbow Trucking</b> | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>973 598 8845</b><br>( ) - |
|---|---|---|

|                                     |                    |                               |                |          |
|-------------------------------------|--------------------|-------------------------------|----------------|----------|
| VEHICLE I.D. NO.<br><b>AL 862 U</b> | STATE<br><b>NJ</b> | BOX NUMBER-IN<br><b>R 805</b> | BOX NUMBER-OUT | COMMENTS |
|-------------------------------------|--------------------|-------------------------------|----------------|----------|

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

*Julio Bonzaire*  
PRINT DRIVER'S NAME  
Julio Bonzaire

DATE

3-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |                                  |
|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b> | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
|---|---|----------------------------------|

|          |  |
|----------|--|
| COMMENTS |  |
|----------|--|

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27385  
Vehicle ID: NIC103  
Act 90 Decal: WH7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031648

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:08:51 | Scale 1 |
| Out: | 3/31/2010 | 16:09:11 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 80000 | 40.00 |
| Tare:  | 24700 | 12.35 |
| Net:   | 55300 | 27.65 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 27.65 Tns     |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27385

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                               | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|---|---------------|---------------|
| XX1      | DT        | Non-Hazardous Sol, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           | Clean Earth PO # 01-103802-01             |               |               |
|          |           |   |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott P. Ambrosini on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

167 Stephens Park Road  
Hackettstown, NJ 07840

PHONE NO.

973 598 8845  
( ) -

VEHICLE I.D. NO.

ALN 25 P

STATE

NT

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*[Signature]*  
Hernando Rusti

DATE

03-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast Pennsylvania**

ADDRESS

7 Steel Road East  
Morrisville, PA 19067

PHONE NO.

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031647

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 16:01:30 | Scale 1 |
| Out: | 3/31/2010 | 16:01:58 | P.T.    |

Manifest: 273  
Vehicle ID: RA1873  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 81040 | 40.52 |
| Tare:  | 26800 | 13.40 |
| Net:   | 54240 | 27.12 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.12    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27384

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Signature of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**  
( ) -

VEHICLE I.D. NO.

AL3202 #873

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Signature of Driver

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY **Clean Earth of Southeast Pennsylvania**

ADDRESS **7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

Signature of Facility

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27383  
Vehicle ID: GRE208  
Act 90 Decal: WH12291  
Customer: EWHI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031644

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 15:47:50 | Scale 1 |
| Out: | 3/31/2010 | 15:48:22 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74060 | 37.03 |
| Tare:  | 27440 | 13.72 |
| Net:   | 46620 | 23.31 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.31    | Tns  |

Storage Area: Area 1



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27383

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM636.D.

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

S. Roman

S. Roman

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

[Signature]

DATE

3/31/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27382  
Vehicle ID: NIC79  
Act 90 Decal: WH7892  
Customer: EWHI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031643

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 15:46:05 | Scale 1 |
| Out: | 3/31/2010 | 15:46:18 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74740 | 37.37 |
| Tare:  | 26420 | 13.21 |
| Net:   | 48320 | 24.16 |

Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 24.16 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27382**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-480-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlinski*  
Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*Am857L (79)*

*NJ*

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*[Signature]*  
*Johnny A. Gudeb*

DATE

*3/31-10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*[Signature]*  
*3.31.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27381  
Vehicle ID: RA1828  
Act 90 Decal: WM7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031642

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 15:43:53 | Scale 1 |
| Out: | 3/31/2010 | 15:44:15 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72640 | 36.32 |
| Tare:  | 26440 | 13.22 |
| Net:   | 46200 | 23.10 |

Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.10    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27381

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

828/AM1854L NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jaimie Molina

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27380  
Vehicle ID: RA1889  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031639

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 15:18:28 | Scale 1 |
| Out: | 3/31/2010 | 15:18:45 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73100 | 36.55 |
| Tare:  | 26740 | 13.37 |
| Net:   | 46360 | 23.18 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.18    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27380

Job/Project #

103902

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Parolekiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL6405

NJ

889

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Julio Cesar Bermeo

DATE

3-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27379  
Vehicle ID: NIC207  
Act 90 Decal: WH7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031638

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 15:15:43 | Scale 1 |
| Out: | 3/31/2010 | 15:16:03 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74340 | 37.17 |
| Tare:  | 26720 | 13.36 |
| Net:   | 47620 | 23.81 |

Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.81    | Tns  |

Storage Area: Area 1  
Comment:



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27379**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

Site Address:  
**170 N. Main Street**  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est 22 Tons   |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

| VEHICLE I.D. NO. | STATE | BOX NUMBER-IN | BOX NUMBER-OUT | COMMENTS |
|------------------|-------|---------------|----------------|----------|
| AH856L           | N.J.  |               |                |          |

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Cesar Bedoya

DATE

03/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27378  
Vehicle ID: RA1874  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031637

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 14:44:43 | Scale 1 |
| Out: | 3/31/2010 | 14:45:06 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 75560 | 37.78 |
| Tare:  | 25620 | 12.81 |
| Net:   | 49940 | 24.97 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.97    | Tns  |

100

Job/Project #

33110

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031636

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 14:38:09 | Scale 1 |
| Out: | 3/31/2010 | 14:38:25 | P.T.    |

Manifest: 27377  
Vehicle ID: RA1872  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 77420 | 38.71 |
| Tare:  | 26660 | 13.33 |
| Net:   | 50760 | 25.38 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 25.38 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
 14 Brick Kiln Court  
 Northampton, PA 18067  
 Phone 484-275-6900  
 Fax 484-275-6970

Document # **27377**  
 103802  
 Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |  |
|--|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
|  |  |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               | 77420         |
|          |           |  |               | 216660        |
|          |           |  |               | 50760         |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankowski on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                      |   |                |                                  |
|---|----------------------|---|----------------|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                      | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM635D</b>   | STATE<br><b>N.J.</b> | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                         |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                      | DRIVER'S SIGNATURE  |                | DATE<br><b>3/31/10</b>           |
|   |                      | PRINT DRIVER'S NAME<br><b>JOSE MONTANA</b>                                |                |                                  |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE  |  | DATE<br><b>3/31/10</b>           |
|   |  | PRINT NAME  |  |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031635

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 14:31:44 | Scale 1 |
| Out: | 3/31/2010 | 14:32:07 | P.T.    |

Manifest: 27376  
Vehicle ID: RAI890  
Act 90 Decal: WM1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 79720 | 39.86 |
| Tare:  | 27060 | 13.53 |
| Net:   | 52660 | 26.33 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 26.33    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27376**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
|  |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |                                  |
|---|---|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><i>AM191E</i>   | STATE<br><i>NT</i>  | BOX NUMBER-IN                    |
|   |   | BOX NUMBER-OUT                   |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |   | COMMENTS                         |
| DRIVER'S SIGNATURE<br><i>H</i>  |   | DATE<br><i>3.31.10</i>           |
| PRINT DRIVER'S NAME<br><i>Hector Lopez</i>  |   |                                  |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |                                  |
|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |   |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |   | DATE<br><i>3.31.10</i>           |
| AUTHORIZED SIGNATURE<br><i>[Signature]</i>  |   |                                  |
| PRINT NAME  |   |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031634

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 14:29:00 | Scale 1 |
| Out: | 3/31/2010 | 14:29:25 | P.T.    |

Manifest: 27375  
Vehicle ID: RAI862  
Act 90 Decal: WH7892  
Customer: EWM

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 79980 | 39.99 |
| Tare:  | 27580 | 13.79 |
| Net:   | 52400 | 26.20 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type IV | 26.20 | Tns |
|----------------|------------------------|-------|-----|

Storage Area: Area 1



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27375**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

Site Address:  
**170 N. Main Street**  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AL 251K**

**NJ**

**# 862**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**William Zolota**

DATE

**3-31-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**3.31.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031633

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 14:13:28 | Scale 1 |
| Out: | 3/31/2010 | 14:13:43 | P.T.    |

Manifest: 27372  
Vehicle ID: RAI887  
Act 90 Decal: WH1544  
Customer: EWMI

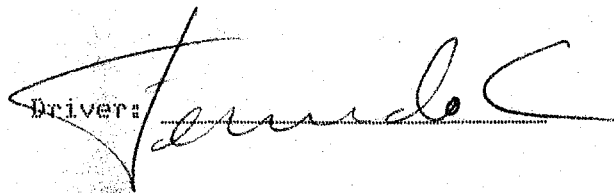
|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 108160 | 54.08 |
| Tare:  | 26660  | 13.33 |
| Net:   | 81500  | 40.75 |

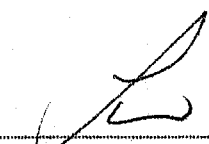
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 40.75    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27372

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL6545

NJ

887

887

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jose F. Cardenas

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Monroeville, PA 15106

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27374  
Vehicle ID: NIC870  
Act 90 Decal: WH7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031600

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:29:00 | Scale 1 |
| Out: | 3/31/2010 | 11:29:18 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 86080 | 43.04 |
| Tare:  | 26420 | 13.21 |
| Net:   | 59660 | 29.83 |

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 29.83    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27374

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM194E

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Carlos Avila

DATE

03-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Monroeville, PA 15067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3/31/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27373  
Vehicle ID: RA1886  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031598

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:15:09 | Scale 1 |
| Out: | 3/31/2010 | 11:15:44 | P.T.    |

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 104420 | 52.21 |
| Tare:  | 27220  | 13.61 |
| Net:   | 77200  | 38.60 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services    | Quantity | Unit |
|----------------|-------------------------|----------|------|
| Not Applicable | Spill Treatment Type IV | 38.60    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27373**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankofnik*  
Scott Pankofnik on behalf of L.E. Carpenter & Company

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |           |  |                |                     |
|---|-----------|--|----------------|---------------------|
| COMPANY NAME  |           | ADDRESS  |                | PHONE NO.           |
| <b>Rainbow Trucking</b>   |           | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | <b>973 598 8845</b> |
| VEHICLE I.D. NO.  | STATE     | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS            |
| <b>AL639S</b>   | <b>NJ</b> |  |                |                     |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |           | DRIVER'S SIGNATURE   |                | DATE                |
|   |           | PRINT DRIVER'S NAME  |                |                     |
|   |           | <i>[Signature]</i><br><b>Carlos Morris</b>                     |                | <i>3/31/10</i>      |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |                     |
|---|--|---------------------|
| FACILITY NAME   | ADDRESS  | PHONE NO.           |
| <b>Clean Earth of Southeast Pennsylvania</b>  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | <b>215-428-1700</b> |
| COMMENTS  |  |                     |
|   |  |                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE                                     | DATE                |
|   | PRINT NAME   |                     |
|   | <i>[Signature]</i>                                       | <i>3.31.10</i>      |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27371  
Vehicle ID: RAI877  
Act 90 Decal: WH1544  
Customer: EWMI

Ticket: 315000031596

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:10:01 | Scale 1 |
| Out: | 3/31/2010 | 11:10:22 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 96600 | 48.30 |
| Tare:  | 26060 | 13.03 |
| Net:   | 70540 | 35.27 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 35.27 Tns     |



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27371

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL773N  
877

N.J.

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

George I TORO.

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3/31/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27357  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031594

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:06:24 | Scale 1 |
| Out: | 3/31/2010 | 11:06:49 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 97480 | 48.74 |
| Tare:  | 27440 | 13.72 |
| Net:   | 70040 | 35.02 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 35.02 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27357**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott P. Puchalski*  
Scott Puchalski on behalf of L.E. Carpenter & Company

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AM637D**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Cristian Zapata*  
*Cristian Zapata*

DATE

*03/31/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

*3.31.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27367  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031593

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:04:47 | Scale 1 |
| Out: | 3/31/2010 | 11:05:12 | P.T.    |

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 106060 | 53.03 |
| Tare:  | 26920  | 13.46 |
| Net:   | 79140  | 39.57 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 39.57    | Tns  |

Storage Area: Area 1  
Comment:

Job/Project #

3.3/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031592

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:02:59 | Scale 1 |
| Out: | 3/31/2010 | 11:03:13 | P.T.    |

Manifest: 27365  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EMMI

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 104000 | 52.00 |
| Tare:  | 27800  | 13.90 |
| Net:   | 76200  | 38.10 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 38.10    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # 27365  
Job/Project # 103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM 6380

WH12291

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*[Signature]*

Edison Valencia

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Monsieville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031591

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 11:01:04 | Scale 1 |
| Out: | 3/31/2010 | 11:01:26 | P.T.    |

Manifest: 27366  
Vehicle ID: GRE205  
Act 90 Decal: WH7892  
Customer: EWHI

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 104640 | 52.32 |
| Tare:  | 27520  | 13.76 |
| Net:   | 77120  | 38.56 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 38.56    | Tns  |



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27366**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
|--|--|--|

| QUANTITY  | SIZE/TYPE | DESCRIPTION   | APPROVAL CODE    | WEIGHT/VOLUME          |
|---|-----------|---|------------------|------------------------|
| <b>XX1</b>  | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b>   | <b>103150018</b> | <b>Est. 22 Tons</b>    |
|   |           |   |                  |                        |
|   |           |   |                  |                        |
|   |           |   |                  |                        |
|   |           |   |                  |                        |
|   |           | <b>Clean Earth PO # 01-103802-01</b>  |                  |                        |
|   |           |   |                  |                        |
| I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |           | GENERATOR'S SIGNATURE<br><i>Scott Pankiewicz</i><br>PRINT NAME<br><b>Scott Pankiewicz on behalf of L.E. Carpenter &amp; Company</b> |                  | DATE<br><b>3/31/10</b> |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |   |                |                        |
|---|---|---|----------------|------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>973 598 8845</b>  |                |                        |
| VEHICLE I.D. NO.<br><b>AM122A</b>   | STATE<br><b>NJ</b>  | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS               |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |   | DRIVER'S SIGNATURE<br><i>Jorge Medina</i><br>PRINT DRIVER'S NAME<br><b>Jorge Medina</b> |                | DATE<br><b>3-31-10</b> |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |   |                        |
|---|---|---|------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b>  |                        |
| COMMENTS  |   |   |                        |
| Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |   | AUTHORIZED SIGNATURE<br><i>[Signature]</i><br>PRINT NAME<br><b>[Name]</b> | DATE<br><b>3.31.10</b> |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031590

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:50:51 | Scale 1 |
| Out: | 3/31/2010 | 10:59:18 | P.T.    |

Manifest: 27370  
Vehicle ID: RAI805  
Act 90 Decal: WH1544  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 96640 | 48.32 |
| Tare:  | 27120 | 13.56 |
| Net:   | 69520 | 34.76 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.76    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27370**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-480-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Penick*  
**Scott Penick on behalf of L.E. Carpenter & Company**

DATE

**3/31/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AL 862U**

**NJ**

**TR 805**

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Julio Gonzalez*  
**JULIO GONZALEZ**

DATE

**3-31/10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWTI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*[Signature]*  
**3.31.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27369  
Vehicle ID: NIC103  
Act 90 Decal: WH7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031589

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:56:19 | Scale 1 |
| Out: | 3/31/2010 | 10:56:37 | P.T.    |

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 108020 | 54.01 |
| Tare:  | 24700  | 12.35 |
| Net:   | 83320  | 41.66 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 41.66    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27369

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pashonowicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

A4025R

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

03-31-10  
S. K. / R

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3/31/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031583

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:45:47 | Scale 1 |
| Out: | 3/31/2010 | 10:46:15 | P.T.    |

Manifest: 27364  
Vehicle ID: RAI873  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 104580 | 52.29 |
| Tare:  | 26800  | 13.40 |
| Net:   | 77780  | 38.89 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 38.89    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

*BD*

Facility:

*JS*  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27364

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL320L 1873 MS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Erin Gada

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031582

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:44:14 | Scale 1 |
| Out: | 3/31/2010 | 10:44:35 | P.T.    |

Manifest: 27363  
Vehicle ID: RAI828  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 97440 | 48.72 |
| Tare:  | 26440 | 13.22 |
| Net:   | 71000 | 35.50 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 35.50    | Tns  |

Storage Area: Area 1  
Comment:



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27363**  
103802  
Job/Project # \_\_\_\_\_

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlowski*  
Scott Pawlowski on behalf of L.E. Carpenter & Company

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |           |  |                |                     |
|---|-----------|--|----------------|---------------------|
| COMPANY NAME  |           | ADDRESS  |                | PHONE NO.           |
| <b>Rainbow Trucking</b>   |           | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | <b>973 598 8845</b> |
| VEHICLE I.D. NO.  | STATE     | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS            |
| <i>828/AMB54L</i>   | <i>ND</i> |  |                |                     |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |           | DRIVER'S SIGNATURE   |                | DATE                |
|   |           | PRINT DRIVER'S NAME  |                |                     |
|   |           | <i>Jaime Molina</i>  |                | <i>3/31/10</i>      |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                     |
|---|--|--|--|---------------------|
| FACILITY NAME   |  | ADDRESS  |  | PHONE NO.           |
| <b>Clean Earth of Southeast Pennsylvania</b>  |  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | <b>215-428-1700</b> |
| COMMENTS  |  |  |  |                     |
|   |  |  |  |                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                                     |  | DATE                |
|   |  | PRINT NAME   |  |                     |
|   |  | <i>[Signature]</i>                                       |  | <i>3.31.10</i>      |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27362  
Vehicle ID: NIC79  
Act 90 Decal: WH7892  
Customer: EWHI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031581

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:42:22 | Scale 1 |
| Out: | 3/31/2010 | 10:43:04 | P.T.    |

|        | Lbs    | Tns   |
|--------|--------|-------|
| Gross: | 106420 | 53.21 |
| Tare:  | 26420  | 13.21 |
| Net:   | 80000  | 40.00 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type IV | 40.00 | Tns |
|----------------|------------------------|-------|-----|

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27362**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paulkiewicz*  
**Scott Paulkiewicz on behalf of L.E. Carpenter & Company**

DATE

**3/31/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**Am 857L (79)**

**NJ**

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Johanny Ardele*  
**Johanny Ardele**

DATE

**3/31/10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**3.31.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket# 315000031577

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:34:01 | Scale 1 |
| Out: | 3/31/2010 | 10:34:20 | P.T.    |

Manifest: 27368  
Vehicle ID: GRE208  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 96120 | 48.06 |
| Tare:  | 27440 | 13.72 |
| Net:   | 68680 | 34.34 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.34    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27368

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               | 92120         |
|          |           |  |               | 27440         |
|          |           |  |               | 68680         |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |              |
|---|-------|--|----------------|--------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.    |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackensack, NJ 07840 |                | 973 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                  | BOX NUMBER-OUT | COMMENTS     |
| AM 6360   |       |  |                |              |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                             |                | DATE         |
|   |       | PRINT DRIVER'S NAME                            |                |              |
|   |       | S. Roman                                       |                | 3/31/10      |
|   |       | Brook A. Roman                                 |                |              |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |              |
|---|--|--|--|--------------|
| FACILITY NAME   |  | ADDRESS                                    |  | PHONE NO.    |
| Clean Earth of Southeast Pennsylvania   |  | 7 Steel Road East<br>Morrisville, PA 19067 |  | 215-428-1700 |
| COMMENTS  |  |  |  |              |
|   |  |  |  |              |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                       |  | DATE         |
|   |  | PRINT NAME                                 |  |              |
|   |  | C. M. [Signature]                          |  | 3/31/10      |
|   |  |  |  |              |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031574

Date Time Scale  
In: 3/31/2010 10:19:33 Scale 1  
Out: 3/31/2010 10:22:52 P.T.

Manifest: 27358  
Vehicle ID: GRE204  
Act 90 Decal: WH12291  
Customer: EWMI

Lbs Tns  
Gross: 111220 55.61  
Tare: 26040 13.02  
Net: 85180 42.59

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 42.59 Tns     |

Storage Area: Area 1  
Comment:

Driver:

*Joseph M. Siravo*

Facility:

*Joseph M. Siravo*  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27358**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pouchey*  
Scott Pouchey on behalf of L.E. Carpenter & Company

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AM121A 204*

*NJ*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Gustavo Toro*  
*Gustavo Toro*

DATE

*3/31/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

*3.31.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27361  
Vehicle ID: NIC207  
Act 90 Decal: WH7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031570

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 10:00:57 | Scale 1 |
| Out: | 3/31/2010 | 10:01:19 | P.T.    |

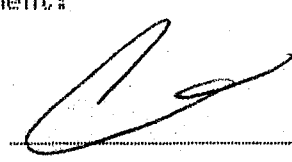
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 97520 | 48.76 |
| Tare:  | 26720 | 13.36 |
| Net:   | 70800 | 35.40 |

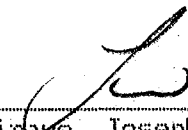
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 35.40    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M





Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031567

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:54:10 | Scale 1 |
| Out: | 3/31/2010 | 09:54:29 | P.T.    |

Manifest: 27360  
Vehicle ID: RAI889  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 97280 | 48.64 |
| Tare:  | 26740 | 13.37 |
| Net:   | 70540 | 35.27 |

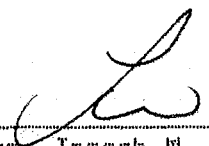
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 35.27    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27360

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pundakiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

167 Stephens Park Road  
Hackettstown, NJ 07840

PHONE NO.

973 598 8845

VEHICLE I.D. NO.

AL6405

STATE

NJ

BOX NUMBER-IN

889

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

John Cesar Bermeo

DATE

3-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast  
Pennsylvania**

ADDRESS

7 Steel Road East  
Morrisville, PA 19067

PHONE NO.

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031565

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:48:11 | Scale 1 |
| Out: | 3/31/2010 | 09:49:10 | P.T.    |

Manifest: 27359  
Vehicle ID: RAI874  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 99860 | 49.93 |
| Tare:  | 25620 | 12.81 |
| Net:   | 74240 | 37.12 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 37.12 Tns     |

Storage Area: Area 1  
Comment:

Driver:

Jose F.

Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27359

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

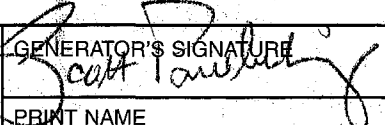
**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

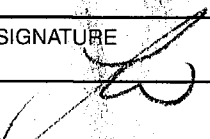
877-460-1038

| QUANTITY  | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE   | WEIGHT/VOLUME   |
|---|-----------|--|---|-----------------|
| XX1   | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018   | Est. 22 Tons    |
|   |           |  |   |                 |
|   |           |  |   |                 |
|   |           |  |   |                 |
|   |           |  |   |                 |
|   |           | Clean Earth PO # 01-103802-01              |   |                 |
|   |           |  |   |                 |
| I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of DOT and the EPA. |           |  | GENERATOR'S SIGNATURE<br><br>PRINT NAME<br>Scott Pankofsky on behalf of L.E. Carpenter & Company | DATE<br>3/31/10 |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |               |   |                |                           |
|---|---------------|---|----------------|---------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |               | ADDRESS<br>167 Stephens Park Road<br>Hackensack, NJ 07640           |                | PHONE NO.<br>973 598 8845 |
| VEHICLE I.D. NO.<br>AL130m  | STATE<br>N.J. | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                  |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |               | DRIVER'S SIGNATURE<br>Jose F.<br>PRINT DRIVER'S NAME<br>Jose Flores |                | DATE<br>3/31/10           |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |   |                           |
|---|---|---|---------------------------|
| FACILITY NAME<br>Clean Earth of Southeast<br>Pennsylvania   |   | ADDRESS<br>7 Steel Road East<br>Morrisville, PA 19067 | PHONE NO.<br>215-428-1700 |
| COMMENTS  |   |   |                           |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br> |   | DATE<br>3.31.10           |
|   | PRINT NAME  |   |                           |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 31500031559

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:35:10 | Scale 1 |
| Out: | 3/31/2010 | 09:35:25 | P.T.    |

Manifest: 27355  
Vehicle ID: RAI072  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 91360 | 45.68 |
| Tare:  | 26660 | 13.33 |
| Net:   | 64700 | 32.35 |

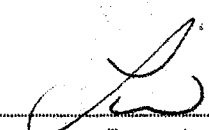
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 32.35 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27355

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY  | SIZE/TYPE | DESCRIPTION  | APPROVAL CODE | WEIGHT/VOLUME   |
|---|-----------|--|---------------|-----------------|
| XX1   | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated                           | 103150018     | Est. 22 Tons    |
|   |           |  |               |                 |
|   |           |  |               |                 |
|   |           |  |               |                 |
|   |           |  |               |                 |
|   |           | Clean Earth PO # 01-103802-01  |               |                 |
|   |           |  |               |                 |
| I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |           | GENERATOR'S SIGNATURE<br>3/31/10                                     |               | DATE<br>3/31/10 |
|   |           | PRINT NAME<br>Scott Paskiewicz on behalf of L.E. Carpenter & Company |               |                 |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME  |               | ADDRESS  |                | PHONE NO.       |
|---|---------------|--|----------------|-----------------|
| Rainbow Trucking  |               | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | 973 598 8845    |
| VEHICLE I.D. NO.<br>AM635D  | STATE<br>N.J. | BOX NUMBER-IN                                    | BOX NUMBER-OUT | COMMENTS        |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |               | DRIVER'S SIGNATURE<br>[Signature]                |                | DATE<br>3/31/10 |
|   |               | PRINT DRIVER'S NAME<br>Jose Martinez             |                |                 |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME   | ADDRESS                                    | PHONE NO.                           |
|---|--|-------------------------------------|
| Clean Earth of Southeast Pennsylvania   | 7 Steel Road East<br>Morrisville, PA 19067 | 215-428-1700                        |
| COMMENTS  |  |                                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br>[Signature] |
|   |  | PRINT NAME                          |
|   |  | DATE<br>3.31.10                     |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031557

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:30:32 | Scale 1 |
| Out: | 3/31/2010 | 09:30:48 | P.T.    |

Manifest: 27353  
Vehicle ID: RAI71  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 91740 | 45.87 |
| Tare:  | 25980 | 12.99 |
| Net:   | 65760 | 32.88 |

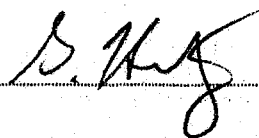
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885


| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 32.88    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

  
Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27353

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

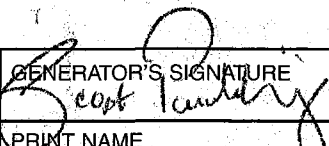
**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

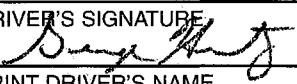
IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

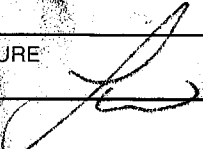
877-460-1038

| QUANTITY  | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE  | WEIGHT/VOLUME   |
|---|-----------|--|--|-----------------|
| XX1   | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018  | Est. 22 Tons    |
|   |           |  |  |                 |
|   |           |  |  |                 |
|   |           |  |  |                 |
|   |           |  |  |                 |
|   |           | Clean Earth PO # 01-103802-01              |  |                 |
|   |           |  |  |                 |
| I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |           |  | GENERATOR'S SIGNATURE<br> | DATE<br>3/31/10 |
|   |           |  | PRINT NAME<br>Scott Prokulewicz on behalf of L.E. Carpenter & Company  |                 |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |               |   |                |                           |
|---|---------------|---|----------------|---------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |               | ADDRESS<br>167 Stephens Park Road<br>Hackettstown, NJ 07840   |                | PHONE NO.<br>973 598 8845 |
| VEHICLE I.D. NO.<br>#71<br>AM352H   | STATE<br>N.J. | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                  |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |               | DRIVER'S SIGNATURE<br> |                | DATE<br>3-31-10           |
|   |               | PRINT DRIVER'S NAME<br>George Homenetz  |                |                           |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EMMI AND GENERATOR)

|   |   |   |                                  |
|---|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast<br/>Pennsylvania</b>   |   | ADDRESS<br><b>7 Steel Road East<br/>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |   |   |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br> |   | DATE<br><b>3-31-10</b>           |
|   | PRINT NAME  |   |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27354  
Vehicle ID: RA1890  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031555

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:25:29 | Scale 1 |
| Out: | 3/31/2010 | 09:25:51 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 94760 | 47.38 |
| Tare:  | 27060 | 13.53 |
| Net:   | 67700 | 33.85 |

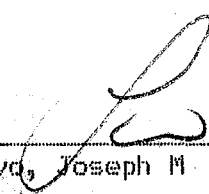
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 33.85 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27354**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #  
**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

167 Stephens Park Road  
Hackettstown, NJ 07840

PHONE NO.

973 598 8845

VEHICLE I.D. NO.

AM191E

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

H  
Hector Lopera

DATE

3.31.10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast  
Pennsylvania**

ADDRESS

7 Steel Road East  
Morrisville, PA 19067

PHONE NO.

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

L

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031553

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:19:47 | Scale 1 |
| Out: | 3/31/2010 | 09:20:17 | P.T.    |

Manifest: 27356  
Vehicle ID: RAI862  
Act 90 Decal: WH7892  
Customer: EWM

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 96860 | 48.43 |
| Tare:  | 27580 | 13.79 |
| Net:   | 69280 | 34.64 |

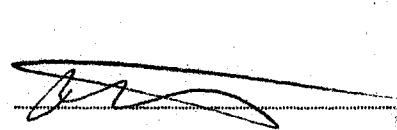
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 34.64    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27356

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 596 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AK 251K

NJ

#862

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

William Zlotu

DATE

3-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27352  
Vehicle ID: RAI91  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031552

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 3/31/2010 | 09:17:14 | Scale 1 |
| Out: | 3/31/2010 | 09:17:38 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 93100 | 46.55 |
| Tare:  | 26000 | 13.04 |
| Net:   | 67020 | 33.51 |

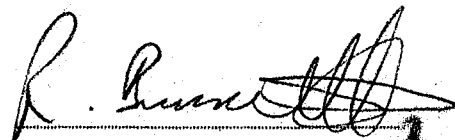
Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 33.51    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court *WH1544*  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27352

103802

Job/Project #

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT  
**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

3/31/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO. #91

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM351H

NJ

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Rich DiMarchi*  
RICH DI MARCHI

DATE

3-31-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

3.31.10

**Profile GTN**

4/1/2010

Profile: 103150018

Transactions from 04/01/2010 through 04/01/2010

5:09PM

Site ID: 315

User ID: JSIRAVO

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

| Ticket  | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net   |
|---|----------|--------|----------|----------|-------------|---------------------------|-------|-------|
| <b>103150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |        |          |          |             | Global Job Number: 113760 |       |       |
| 315000031672  | 04/01/10 | RAI828 | I        | 27403    | EWM426-EWMI | 39.49                     | 13.22 | 26.27 |
| 315000031673  | 04/01/10 | RAI880 | I        | 27404    | EWM426-EWMI | 39.66                     | 13.07 | 26.59 |
| 315000031674  | 04/01/10 | RAI890 | I        | 27406    | EWM426-EWMI | 38.35                     | 13.53 | 24.82 |
| 315000031676  | 04/01/10 | RAI889 | I        | 27407    | EWM426-EWMI | 37.47                     | 13.37 | 24.10 |
| 315000031677  | 04/01/10 | RAI873 | I        | 27401    | EWM426-EWMI | 36.93                     | 13.40 | 23.53 |
| 315000031679  | 04/01/10 | RAI872 | I        | 27402    | EWM426-EWMI | 41.20                     | 13.33 | 27.87 |
| 315000031682  | 04/01/10 | NIC207 | I        | 27410    | EWM426-EWMI | 36.80                     | 13.36 | 23.44 |
| 315000031683  | 04/01/10 | TEV22  | I        | 27411    | EWM426-EWMI | 36.23                     | 12.52 | 23.71 |
| 315000031686  | 04/01/10 | TEV14  | I        | 27414    | EWM426-EWMI | 36.58                     | 13.62 | 22.96 |
| 315000031688  | 04/01/10 | GRE210 | I        | 27413    | EWM426-EWMI | 35.37                     | 13.90 | 21.47 |
| 315000031689  | 04/01/10 | GRE209 | I        | 27415    | EWM426-EWMI | 35.12                     | 13.72 | 21.40 |
| 315000031690  | 04/01/10 | RAI805 | I        | 27417    | EWM426-EWMI | 36.88                     | 13.56 | 23.32 |
| 315000031691  | 04/01/10 | RAI862 | I        | 27416    | EWM426-EWMI | 35.13                     | 13.79 | 21.34 |
| 315000031692  | 04/01/10 | GRE208 | I        | 27409    | EWM426-EWMI | 35.88                     | 13.72 | 22.16 |
| 315000031693  | 04/01/10 | TEV66  | I        | 27412    | EWM426-EWMI | 34.06                     | 13.47 | 20.59 |
| 315000031698  | 04/01/10 | HAP46  | I        | 27420    | EWM426-EWMI | 34.26                     | 12.75 | 21.51 |
| 315000031699  | 04/01/10 | TEV135 | I        | 27418    | EWM426-EWMI | 35.29                     | 13.42 | 21.87 |
| 315000031701  | 04/01/10 | TEV06  | I        | 27419    | EWM426-EWMI | 35.41                     | 13.37 | 22.04 |
| 315000031704  | 04/01/10 | NIC103 | I        | 27421    | EWM426-EWMI | 37.05                     | 12.35 | 24.70 |
| 315000031706  | 04/01/10 | GRE203 | I        | 27422    | EWM426-EWMI | 34.71                     | 13.46 | 21.25 |
| 315000031725  | 04/01/10 | RAI102 | I        | 27423    | EWM426-EWMI | 36.12                     | 13.38 | 22.74 |
| 315000031726  | 04/01/10 | NIC80  | I        | 27424    | EWM426-EWMI | 37.98                     | 13.42 | 24.56 |
| 315000031734  | 04/01/10 | RAI890 | I        | 27427    | EWM426-EWMI | 35.21                     | 13.53 | 21.68 |
| 315000031735  | 04/01/10 | RAI889 | I        | 27428    | EWM426-EWMI | 35.84                     | 13.37 | 22.47 |



**Profile GTN**

4/1/2010

Profile: 103150018

Transactions from 04/01/2010 through 04/01/2010

5:09PM

Site ID: 315

User ID: JSIRAVO

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

| Ticket   | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net   |
|--|----------|--------|----------|----------|-------------|---------------------------|-------|-------|
| 103150018 - Dayco Corp/L.E. Carpenter Superfund Site |          |        |          |          |             | Global Job Number: 113760 |       |       |
| 315000031736   | 04/01/10 | RAI828 | I        | 27425    | EWM426-EWMI | 34.57                     | 13.22 | 21.35 |
| 315000031737   | 04/01/10 | RAI880 | I        | 27426    | EWM426-EWMI | 35.37                     | 13.07 | 22.30 |
| 315000031740   | 04/01/10 | RAI873 | I        | 27429    | EWM426-EWMI | 36.37                     | 13.40 | 22.97 |
| 315000031741   | 04/01/10 | RAI872 | I        | 27430    | EWM426-EWMI | 37.85                     | 13.33 | 24.52 |
| 315000031742   | 04/01/10 | TEV14  | I        | 27431    | EWM426-EWMI | 39.99                     | 13.62 | 26.37 |
| 315000031743   | 04/01/10 | TEV66  | I        | 27433    | EWM426-EWMI | 36.26                     | 13.47 | 22.79 |
| 315000031744   | 04/01/10 | TEV22  | I        | 27432    | EWM426-EWMI | 36.71                     | 12.52 | 24.19 |
| 315000031745   | 04/01/10 | NIC207 | I        | 27434    | EWM426-EWMI | 36.26                     | 13.36 | 22.90 |
| 315000031746   | 04/01/10 | GRE210 | I        | 27435    | EWM426-EWMI | 35.13                     | 13.90 | 21.23 |
| 315000031747   | 04/01/10 | GRE209 | I        | 27436    | EWM426-EWMI | 36.72                     | 13.72 | 23.00 |
| 315000031748   | 04/01/10 | RAI805 | I        | 27437    | EWM426-EWMI | 35.66                     | 13.56 | 22.10 |
| 315000031749   | 04/01/10 | GRE208 | I        | 27439    | EWM426-EWMI | 36.27                     | 13.72 | 22.55 |
| 315000031750   | 04/01/10 | RAI862 | I        | 27438    | EWM426-EWMI | 35.07                     | 13.79 | 21.28 |
| 315000031751   | 04/01/10 | TEV135 | I        | 27441    | EWM426-EWMI | 35.04                     | 13.42 | 21.62 |
| 315000031753   | 04/01/10 | HAP46  | I        | 27440    | EWM426-EWMI | 36.21                     | 12.75 | 23.46 |
| 315000031754   | 04/01/10 | NIC103 | I        | 27442    | EWM426-EWMI | 36.56                     | 12.35 | 24.21 |
| 315000031755   | 04/01/10 | TEV45  | I        | 27443    | EWM426-EWMI | 33.61                     | 12.80 | 20.82 |
| 315000031756   | 04/01/10 | RAI885 | I        | 27445    | EWM426-EWMI | 36.41                     | 12.84 | 23.57 |
| 315000031757   | 04/01/10 | GRE203 | I        | 27444    | EWM426-EWMI | 35.28                     | 13.46 | 21.82 |
| 315000031758   | 04/01/10 | RAI02  | I        | 27446    | EWM426-EWMI | 40.87                     | 13.54 | 27.33 |
| 315000031759   | 04/01/10 | RAI102 | I        | 27447    | EWM426-EWMI | 38.87                     | 13.38 | 25.49 |
| 315000031760   | 04/01/10 | NIC80  | I        | 27448    | EWM426-EWMI | 38.17                     | 13.42 | 24.75 |
| 315000031761   | 04/01/10 | TEV10  | I        | 24750    | EWM426-EWMI | 38.59                     | 11.78 | 26.81 |
| 315000031762   | 04/01/10 | RAI882 | I        | 27449    | EWM426-EWMI | 39.24                     | 13.14 | 26.10 |

4/1/2010

5:09PM

User ID: JSIRAVO

### Inbound Tickets Only

### Third Party and Intercompany Customers

### Sent and Unsent Tickets

## Full Details

| Ticket   | Date | Truck | In / Out | Manifest | Customer | Gross | Tare | Net      |
|--|------|-------|----------|----------|----------|-------|------|----------|
| <b>103150018 - Dayco Corp/L.E. Carpenter Superfund Sit</b> |      |       |          |          |          |       |      | 1,119.92 |
| <i>48 tickets</i>  |      |       |          |          |          |       |      |          |
| <b><u>Report Grand Totals</u></b>                          |      |       |          |          |          |       |      | 1,119.92 |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031672

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:12:57 | Scale 1 |
| Out: | 4/1/2010 | 09:13:16 | P.T.    |

Manifest: 27403  
Vehicle ID: RAI028  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 78980 | 39.49 |
| Tare:  | 26440 | 13.22 |
| Net:   | 52540 | 26.27 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 26.27 Tns     |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27403**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlikowicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 6845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*828/AT7854L*

*NJ*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon:

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Jaime Molina*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*3/24/10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031673

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:15:34 | Scale 1 |
| Out: | 4/1/2010 | 09:16:00 | P.T.    |

Manifest: 27404  
Vehicle ID: RA1880  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 79320 | 39.66 |
| Tare:  | 26140 | 13.07 |
| Net:   | 53180 | 26.59 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150010  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 26.59    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

*ale jin*

Facility:

*Joseph M*  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27404**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |  |
|--|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
|--|--|--|--|

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

|   |                       |
|---|-----------------------|
| GENERATOR'S SIGNATURE<br><i>Scott Pambly</i>                                | DATE<br><i>9/1/10</i> |
| PRINT NAME<br><b>Scott Pambly on behalf of L.E. Carpenter &amp; Company</b> |                       |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                      |   |                |                                  |
|---|----------------------|---|----------------|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b> |                      | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>880</b>          | STATE<br><b>N.J.</b> | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                         |

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

|  |                       |
|--|-----------------------|
| DRIVER'S SIGNATURE<br><i>Alexander Sierra</i>  | DATE<br><b>4-1-10</b> |
| PRINT DRIVER'S NAME<br><b>ALEXANDER SIERRA</b> |                       |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |                                  |
|---|--|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b> |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |                                  |

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

|  |                       |
|--|-----------------------|
| AUTHORIZED SIGNATURE<br><i>[Signature]</i> | DATE<br><b>4.1.10</b> |
| PRINT NAME                                 |                       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27406  
Vehicle ID: RA1890  
Act 90 Decal: WH1544  
Customer: EWHI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031674

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:18:12 | Scale 1 |
| Out: | 4/1/2010 | 09:19:00 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 76700 | 38.35 |
| Tare:  | 27060 | 13.53 |
| Net:   | 49640 | 24.82 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity Unit |
|--------|----------------------|---------------|
|--------|----------------------|---------------|

|                |                        |           |
|----------------|------------------------|-----------|
| Not Applicable | Soil Treatment Type IV | 24.82 Tns |
|----------------|------------------------|-----------|

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27406**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AM191E**

**NJ**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*HL*  
**Hector Lopera**

DATE

**4.1.10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

**4.1.10**



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27407  
Vehicle ID: RA1889  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031676

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:25:03 | Scale 1 |
| Out: | 4/1/2010 | 09:25:23 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74940 | 37.47 |
| Tare:  | 26740 | 13.37 |
| Net:   | 48200 | 24.10 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.10    | Tns  |

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27407**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Parklewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/16*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*A1640S*

*NJ*

*889*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Julio Cesar Permes*

DATE

*4-1-10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27401  
Vehicle ID: RA1873  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031677

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:26:48 | Scale 1 |
| Out: | 4/1/2010 | 09:27:37 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73060 | 36.93 |
| Tare:  | 26800 | 13.40 |
| Net:   | 47060 | 23.53 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.53    | Tns  |

Storage Area: Area 1

Comment:

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27401**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pashkevich on behalf of L.E. Carpenter & Company*

DATE

**4-1-10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |           |  |                |                       |
|---|-----------|--|----------------|-----------------------|
| COMPANY NAME  |           | ADDRESS  |                | PHONE NO.             |
| <b>Rainbow Trucking</b>   |           | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | <b>(973) 598 8845</b> |
| VEHICLE I.D. NO.  | STATE     | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS              |
| <b>AM578P #873</b>  | <b>NJ</b> |  |                |                       |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |           | DRIVER'S SIGNATURE   |                | DATE                  |
|   |           | PRINT DRIVER'S NAME  |                |                       |
|   |           | <i>Est. 10/10</i><br><i>BL</i>                                 |                | <b>4/1/10</b>         |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                     |
|---|--|--|--|---------------------|
| FACILITY NAME   |  | ADDRESS  |  | PHONE NO.           |
| <b>Clean Earth of Southeast Pennsylvania</b>  |  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | <b>215-428-1700</b> |
| COMMENTS  |  |  |  |                     |
|   |  |  |  |                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                                     |  | DATE                |
|   |  | PRINT NAME   |  |                     |
|   |  | <i>[Signature]</i>                                       |  | <b>4.1.10</b>       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27402  
Vehicle ID: RA1872  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031679

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:31:00 | Scale 1 |
| Out: | 4/1/2010 | 09:31:16 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82400 | 41.20 |
| Tare:  | 26660 | 13.33 |
| Net:   | 55740 | 27.87 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 27.87 Tns     |

Storage Area: Area 1

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27402

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Prokhorovich on behalf of L.E. Carpenter & Company

DATE

9/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM 6350

N.J.

D

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jose Montoya

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

[Signature]

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27410  
Vehicle ID: NIC207  
Act 90 Decal: WH7892  
Customer: EWHI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031682

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:36:40 | Scale 1 |
| Out: | 4/1/2010 | 09:37:21 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73600 | 36.80 |
| Tare:  | 26720 | 13.36 |
| Net:   | 46880 | 23.44 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 23.44 Tns     |

Storage Area: Area 1

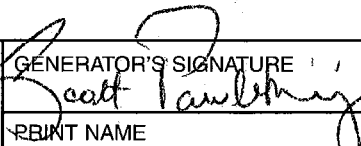
# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

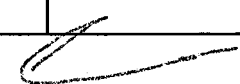
Document # **27410**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

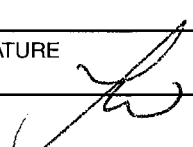
|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07865</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
|--|--|--|

| QUANTITY  | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE   | WEIGHT/VOLUME  |
|---|-----------|--|---|----------------|
| XX1   | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018   | Est. 22 Tons   |
|   |           |  |   |                |
|   |           |  |   |                |
|   |           |  |   |                |
|   |           |  |   |                |
|   |           | Clean Earth PO # 01-103802-01              |   |                |
|   |           |  |   |                |
| I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |           |  | GENERATOR'S SIGNATURE<br><br>PRINT NAME<br>Scott Pawlinski on behalf of L.E. Carpenter & Company | DATE<br>4/1/10 |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                      |  |                |                                    |
|---|----------------------|--|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                      | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b>  |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM856L</b>   | STATE<br><b>N.J.</b> | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                      | DRIVER'S SIGNATURE<br><br>PRINT DRIVER'S NAME<br>Cesar Beltrán |                | DATE<br>04/01/10                   |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b>   |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br><br>PRINT NAME |  | DATE<br>4.1.10                   |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27411  
Vehicle ID: TEV22  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031683

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:44:08 | Scale 1 |
| Out: | 4/1/2010 | 09:44:25 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72460 | 36.23 |
| Tare:  | 25040 | 12.52 |
| Net:   | 47420 | 23.71 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.71    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27411**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Parkiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |           |  |                |                       |
|---|-----------|--|----------------|-----------------------|
| COMPANY NAME  |           | ADDRESS  |                | PHONE NO.             |
| <b>Rainbow Trucking</b>   |           | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | <b>(973) 598 8845</b> |
| VEHICLE I.D. NO.  | STATE     | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS              |
| <i>22</i>   | <i>NJ</i> |  |                |                       |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |           | DRIVER'S SIGNATURE   |                | DATE                  |
|   |           | PRINT DRIVER'S NAME  |                |                       |
|   |           | <i>[Signature]</i><br><i>Daniel</i>                            |                | <i>4-1-10</i>         |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                     |
|---|--|--|--|---------------------|
| FACILITY NAME   |  | ADDRESS  |  | PHONE NO.           |
| <b>Clean Earth of Southeast Pennsylvania</b>  |  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | <b>215-428-1700</b> |
| COMMENTS  |  |  |  |                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                                     |  | DATE                |
|   |  | PRINT NAME   |  |                     |
|   |  | <i>[Signature]</i>                                       |  | <i>4.1.10</i>       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27414  
Vehicle ID: TEV14  
Act 90 Decal: WH1548  
Customer: EWM1

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031686

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:55:30 | Scale 1 |
| Out: | 4/1/2010 | 09:55:48 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73160 | 36.58 |
| Tare:  | 27240 | 13.62 |
| Net:   | 45920 | 22.96 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.96    | Tns  |

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27414

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkovich on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AK123E

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Hughes D. Bailey

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031688

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:59:13 | Scale 1 |
| Out: | 4/1/2010 | 09:59:30 | P.T.    |

Manifest: 27413  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EWMI

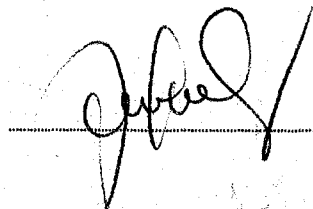
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70740 | 35.37 |
| Tare:  | 27800 | 13.90 |
| Net:   | 42940 | 21.47 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.47    | Tns  |

Storage Area: Clean Fill Zone  
Comment:

Driver: 

Facility:   
Siraco, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27413**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*A-6380*  
*WH 12291*

*NJ*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Edisson Valencia*

DATE

*4/01/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27415  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EMMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031689

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:00:37 | Scale 1 |
| Out: | 4/1/2010 | 10:01:00 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70240 | 35.12 |
| Tare:  | 27440 | 13.72 |
| Net:   | 42800 | 21.40 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type IV | 21.40 | Tns |
|----------------|------------------------|-------|-----|

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27415**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paulkiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |                     |  |                |                 |
|---|-------|---------------------|--|----------------|-----------------|
| COMPANY NAME  |       |                     | ADDRESS  |                | PHONE NO.       |
| Rainbow Trucking  |       |                     | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | (973 ) 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN       |  | BOX NUMBER-OUT | COMMENTS        |
| AM637D  |       |                     |  |                |                 |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE  |  |                | DATE            |
|   |       | PRINT DRIVER'S NAME |  |                |                 |
|   |       |                     |  |                |                 |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME   | ADDRESS  | PHONE NO.           |
|---|--|---------------------|
| <b>Clean Earth of Southeast Pennsylvania</b>  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> | <b>215-428-1700</b> |
| COMMENTS  |  |                     |
|   |  |                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  |                     |
| AUTHORIZED SIGNATURE  |  | DATE                |
| <i>[Signature]</i>  |  | <i>4.1.10</i>       |
| PRINT NAME  |  |                     |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27417  
Vehicle ID: RA1805  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031690

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:02:57 | Scale 1 |
| Out: | 4/1/2010 | 10:03:18 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73760 | 36.88 |
| Tare:  | 27120 | 13.56 |
| Net:   | 46640 | 23.32 |

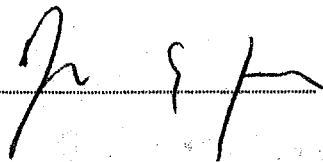
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.32    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27417

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |              |
|---|-------|--|----------------|--------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.    |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackensack, NJ 07840 |                | 973 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                  | BOX NUMBER-OUT | COMMENTS     |
| AL 862 U  | NJ    | TR 805   |                |              |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                             |                | DATE         |
|   |       | PRINT DRIVER'S NAME                            |                | 4-1-10       |
|   |       | JULIO GONZALEZ                                 |                |              |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |              |
|---|--|--|--|--------------|
| FACILITY NAME   |  | ADDRESS                                    |  | PHONE NO.    |
| Clean Earth of Southeast<br>Pennsylvania  |  | 7 Steel Road East<br>Morrisville, PA 19067 |  | 215-428-1700 |
| COMMENTS  |  |  |  |              |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                       |  | DATE         |
|   |  | PRINT NAME                                 |  | 4.1.10       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031691

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:06:49 | Scale 1 |
| Out: | 4/1/2010 | 10:07:02 | P.T.    |

Manifest: 27416  
Vehicle ID: RA1862  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70260 | 35.13 |
| Tare:  | 27580 | 13.79 |
| Net:   | 42680 | 21.34 |

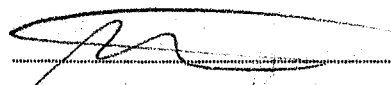
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.34    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27416**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1036**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AL 251K*

*NJ*

*# 862*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*William Zolota*

DATE

*4-1-10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031692

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:08:31 | Scale 1 |
| Out: | 4/1/2010 | 10:08:49 | P.T.    |

Manifest: 27409  
Vehicle ID: GRE208  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 71760 | 35.00 |
| Tare:  | 27440 | 13.72 |
| Net:   | 44320 | 22.16 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 22.16 Tns     |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27409**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |  |
|--|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
|--|--|--|--|

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott P. Lashinsky on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |   |                |                                    |
|---|-------|---|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b> |       | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM6360</b>       | STATE | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                           |

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

S. Lashinsky  
S. Lashinsky

DATE

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE  |  | DATE                             |
|   |  | PRINT NAME  |  | 4.1.10                           |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031693

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 09:45:55 | Scale 1 |
| Out: | 4/1/2010 | 10:10:22 | Scale 1 |

Manifest: 27412  
Vehicle ID: TEV66  
Act 90 Decal: WH1548  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 60120 | 34.06 |
| Tare:  | 26940 | 13.47 |
| Net:   | 41180 | 20.59 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type TU | 20.59 | Tns |
|----------------|------------------------|-------|-----|

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27412

TEV66

WH

Job/Project #

103802

26940

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |                |
|---|-------|--|----------------|----------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.      |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackensack, NJ 07840 |                | (973) 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                  | BOX NUMBER-OUT | COMMENTS       |
| 66  | NJ    |  |                |                |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                             |                | DATE           |
|   |       | PRINT DRIVER'S NAME                            |                | H-I-10         |
|   |       | Olman Venegas                                  |                |                |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |              |
|---|--|--|--|--------------|
| FACILITY NAME   |  | ADDRESS                                    |  | PHONE NO.    |
| Clean Earth of Southeast<br>Pennsylvania  |  | 7 Steel Road East<br>Morrisville, PA 19067 |  | 215-428-1700 |
| COMMENTS  |  |  |  |              |
|   |  |  |  |              |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                       |  | DATE         |
|   |  | PRINT NAME                                 |  | 4.1.10       |
|   |  |  |  |              |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 274420  
Vehicle ID: HAP46  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031698

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:38:23 | Scale 1 |
| Out: | 4/1/2010 | 10:38:55 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 68520 | 34.26 |
| Tare:  | 25500 | 12.75 |
| Net:   | 43020 | 21.51 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.51    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

Jim SLOANE

Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27420**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pashkevitz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road  
Hackensack, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**Am-1986**

**MS**

**HAPPY-TIME**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**Jim SLOANE**

DATE

**4-1-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4-1-10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031699

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:40:51 | Scale 1 |
| Out: | 4/1/2010 | 10:41:14 | P.T.    |

Manifest: 27418  
Vehicle ID: TEV135  
Act 90 Decal: WH1548  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70580 | 35.29 |
| Tare:  | 26840 | 13.42 |
| Net:   | 43740 | 21.87 |

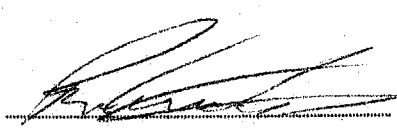
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

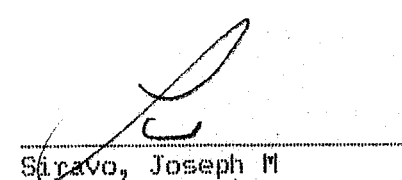
| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.87    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:



Siravo, Joseph M



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031701

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:44:42 | Scale 1 |
| Out: | 4/1/2010 | 10:45:24 | P.T.    |

Manifest: 27419  
Vehicle ID: TEV06  
Act 90 Decal:  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70020 | 35.41 |
| Tare:  | 26740 | 13.37 |
| Net:   | 44080 | 22.04 |

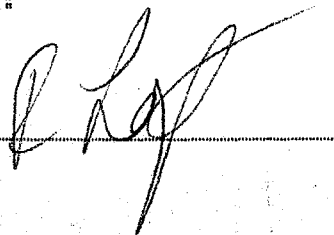
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

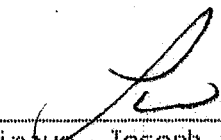
| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 22.04 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27419**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlinski*  
**Scott Pawlinski on behalf of L.E. Carpenter & Company**

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AL 5105*

*NJ*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Rafael Lopez*  
**Rafael Lopez**

DATE

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031704

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:53:35 | Scale 1 |
| Out: | 4/1/2010 | 10:53:57 | P.T.    |

Manifest: 27421  
Vehicle ID: NIC103  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74100 | 37.05 |
| Tare:  | 24700 | 12.35 |
| Net:   | 49400 | 24.70 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 24.70 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27421**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlikowski on behalf of L.E. Carpenter & Company*

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |   |                |                                  |
|---|--------------------|---|----------------|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AL725 P</b>  | STATE<br><b>NE</b> | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                         |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE<br><i>[Signature]</i>                                  |                | DATE<br><b>04-01-10</b>          |
|   |                    | PRINT DRIVER'S NAME<br><b>Harold Puss</b>                                 |                |                                  |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br><i>[Signature]</i>                          |  | DATE<br><b>4.1.10</b>            |
|   |  | PRINT NAME  |  |                                  |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031706

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 10:57:39 | Scale 1 |
| Out: | 4/1/2010 | 10:58:02 | P.T.    |

Manifest: 27422  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 69420 | 34.71 |
| Tare:  | 26920 | 13.46 |
| Net:   | 42500 | 21.25 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.25    | Tns  |

Storage Area: Area 1

Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27422**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlinski on behalf of L.E. Carpenter & Company*

DATE

**4/1/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**203**

**NJ**

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Saul Gonzalez*

DATE

**4-1-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.1.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031725

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 12:16:05 | Scale 1 |
| Out: | 4/1/2010 | 12:16:24 | P.T.    |

Manifest: 27423  
Vehicle ID: RAI102  
Act 90 Decal: WH1544  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72240 | 36.12 |
| Tare:  | 26760 | 13.38 |
| Net:   | 45480 | 22.74 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 22.74 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27423**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlikiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AL 3745**

**NJ**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Angel Franco*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031726

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 12:18:08 | Scale 1 |
| Out: | 4/1/2010 | 12:18:22 | P.T.    |

Manifest: 27424  
Vehicle ID: NIC80  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 75960 | 37.98 |
| Tare:  | 26840 | 13.42 |
| Net:   | 49120 | 24.56 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type IV | 24.56 | Tns |
|----------------|------------------------|-------|-----|

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27424**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  |  |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

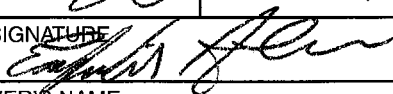
PRINT NAME

Scott Paulukiewicz on behalf of L.E. Carpenter & Company

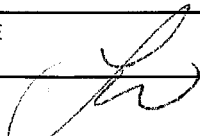
DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |  |                              |                                    |
|---|--------------------|--|------------------------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b>                                  |                              | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AL599A</b>   | STATE<br><b>NJ</b> | BOX NUMBER-IN<br><b>#80</b>  | BOX NUMBER-OUT<br><b>#80</b> | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE<br> |                              | DATE<br><b>4/1/10</b>              |
|   |                    | PRINT DRIVER'S NAME<br><b>Enyulis ABreu</b>  |                              |                                    |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b>   |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br> |  | DATE<br><b>4.1.10</b>            |
|   |  | PRINT NAME  |  |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27427  
Vehicle ID: RA1890  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33507 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031734

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:12:14 | Scale 1 |
| Out: | 4/1/2010 | 13:12:27 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70420 | 35.21 |
| Tare:  | 27060 | 13.53 |
| Net:   | 43360 | 21.68 |

Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.68    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27427**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE  
*Scott Pauliniwicz*  
PRINT NAME  
Scott Pauliniwicz on behalf of L.E. Carpenter & Company

DATE  
4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |   |                |                                    |
|---|--------------------|---|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM191E</b>   | STATE<br><b>NJ</b> | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE<br><i>HP</i>   |                | DATE<br>4.1.10                     |
|   |                    | PRINT DRIVER'S NAME<br><b>Hector Lopez</b>                                |                |                                    |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br><i>JP</i>                                   |  | DATE<br>4.1.10                   |
|   |  | PRINT NAME  |  |                                  |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031735

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:17:02 | Scale 1 |
| Out: | 4/1/2010 | 13:17:21 | P.T.    |

Manifest: 27428  
Vehicle ID: RAI889  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 71680 | 35.84 |
| Tare:  | 26740 | 13.37 |
| Net:   | 44940 | 22.47 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.47    | Tns  |

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27428

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ. 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL640S

NJ

889

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Julio Cesar Beirao

DATE

4-1-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031736

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:28:40 | Scale 1 |
| Out: | 4/1/2010 | 13:29:00 | P.T.    |

Manifest: 27425  
Vehicle ID: RAI828  
Act 90 Decal: WH7892  
Customer: EWMT

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 69140 | 34.57 |
| Tare:  | 26440 | 13.22 |
| Net:   | 42700 | 21.35 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.35    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27425

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1036

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pashkowitz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

828 / AM 1854 / NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jaimie Molina

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*  
*[Signature]*

DATE

4/1/10  
4/1/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031737

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:30:35 | Scale 1 |
| Out: | 4/1/2010 | 13:30:54 | P.T.    |

Manifest: 27426  
Vehicle ID: RAI080  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70740 | 35.37 |
| Tare:  | 26140 | 13.07 |
| Net:   | 44600 | 22.30 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.30    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27426

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Penickiewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |                |
|---|-------|--|----------------|----------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.      |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackettstown, NJ 07840 |                | (973) 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                    | BOX NUMBER-OUT | COMMENTS       |
| 880   | NJ    |  |                |                |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                               |                | DATE           |
|   |       | PRINT DRIVER'S NAME                              |                |                |
|   |       | ALEXANDER SIERRA                                 |                | 4-1-10         |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWM AND GENERATOR)

|   |  |  |  |              |
|---|--|--|--|--------------|
| FACILITY NAME   |  | ADDRESS                                    |  | PHONE NO.    |
| Clean Earth of Southeast Pennsylvania   |  | 7 Steel Road East<br>Morrisville, PA 19067 |  | 215-428-1700 |
| COMMENTS  |  |  |  |              |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                       |  | DATE         |
|   |  | PRINT NAME                                 |  |              |
|   |  |  |  | 4.1.10       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27429  
Vehicle ID: RA1073  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031740

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:36:21 | Scale 1 |
| Out: | 4/1/2010 | 13:36:55 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72740 | 36.37 |
| Tare:  | 26800 | 13.40 |
| Net:   | 45940 | 22.97 |

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin | Materials & Services | Quantity Unit |
|--------|----------------------|---------------|
|--------|----------------------|---------------|

|                |                        |           |
|----------------|------------------------|-----------|
| Not Applicable | Soil Treatment Type IV | 22.97 Tns |
|----------------|------------------------|-----------|

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27429**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paulikewicz*  
**Scott Paulikewicz on behalf of L.E. Carpenter & Company**

DATE

**4/1/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AM 878 P #878**

**NJ**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Edgar*  
**Edgar**

DATE

**4/1/10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.1.10**



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031741

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:38:30 | Scale 1 |
| Out: | 4/1/2010 | 13:38:56 | P.T.    |

Manifest: 27430  
Vehicle ID: RA1872  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 75700 | 37.85 |
| Tare:  | 26660 | 13.33 |
| Net:   | 49040 | 24.52 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity Unit |
|--------|----------------------|---------------|
|--------|----------------------|---------------|

|                |                        |           |
|----------------|------------------------|-----------|
| Not Applicable | Soil Treatment Type IV | 24.52 Tns |
|----------------|------------------------|-----------|

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27430**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlikowski on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |             |  |                |                       |
|---|-------------|--|----------------|-----------------------|
| COMPANY NAME  |             | ADDRESS  |                | PHONE NO.             |
| <b>Rainbow Trucking</b>   |             | <b>167 Stephens Park Road<br/>Hackettstown, NJ 07840</b> |                | <b>(973) 598 8845</b> |
| VEHICLE I.D. NO.  | STATE       | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS              |
| <b>AM6350</b>   | <b>N.J.</b> |  | <i>D</i>       |                       |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |             | DRIVER'S SIGNATURE                                       |                | DATE                  |
|   |             | PRINT DRIVER'S NAME                                      |                | <i>4/1/10</i>         |
|   |             | <i>Jose Martinez</i>                                     |                |                       |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                     |
|---|--|--|--|---------------------|
| FACILITY NAME   |  | ADDRESS  |  | PHONE NO.           |
| <b>Clean Earth of Southeast<br/>Pennsylvania</b>  |  | <b>7 Steel Road East<br/>Morrisville, PA 19067</b> |  | <b>215-428-1700</b> |
| COMMENTS  |  |  |  |                     |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                               |  | DATE                |
|   |  | PRINT NAME   |  | <i>4.1.10</i>       |
|   |  | <i>PW</i>  |  |                     |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031742

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:45:50 | Scale 1 |
| Out: | 4/1/2010 | 13:46:17 | P.T.    |

Manifest: 27431  
Vehicle ID: TEV14  
Act 90 Decal: WH1548  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 79980 | 39.99 |
| Tare:  | 27240 | 13.62 |
| Net:   | 52740 | 26.37 |

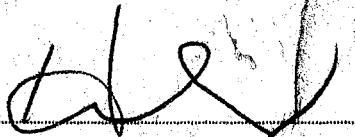
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 26.37 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27431

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulskowitz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AK123E

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Angela D. Bailey

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031743

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:47:51 | Scale 1 |
| Out: | 4/1/2010 | 13:48:13 | P.T.    |

Manifest: 27433  
Vehicle ID: TEV66  
Act 90 Decal: WH1548  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72520 | 36.26 |
| Tare:  | 26940 | 13.47 |
| Net:   | 45580 | 22.79 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.79    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27433**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  |  |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

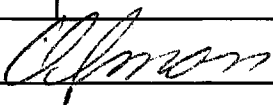
PRINT NAME

Scott Pawlowski on behalf of L.E. Carpenter & Company

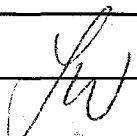
DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |  |                |                                    |
|---|--------------------|--|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b>                                  |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>#66</b>  | STATE<br><b>NJ</b> | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE<br> |                | DATE<br><b>4/1/10</b>              |
|   |                    | PRINT DRIVER'S NAME<br><b>Olman</b>  |                |                                    |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b>   |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br> |  | DATE<br><b>4.1.10</b>            |
|   |  | PRINT NAME  |  |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031744

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:49:54 | Scale 1 |
| Out: | 4/1/2010 | 13:50:17 | P.T.    |

Manifest: 27432  
Vehicle ID: TEV22  
Act 90 Decal: WH1548  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73420 | 36.71 |
| Tare:  | 25040 | 12.52 |
| Net:   | 48380 | 24.19 |

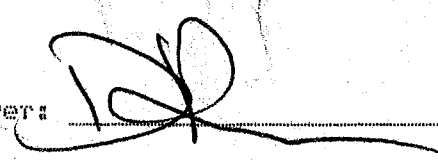
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

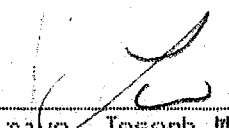
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 24.19 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27432**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  |  |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE  
*Scott Paulikewicz*  
PRINT NAME  
**Scott Paulikewicz on behalf of L.E. Carpenter & Company**

DATE  
**4/1/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |   |                |                                    |
|---|--------------------|---|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>22</b>   | STATE<br><b>NJ</b> | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE  |                | DATE<br><b>4-1-10</b>              |
|   |                    | PRINT DRIVER'S NAME   |                |                                    |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br><i>[Signature]</i> |   |  | DATE<br><b>4.1.10</b>            |
|   | PRINT NAME<br><b>Daniel</b>                |   |  |                                  |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031745

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:51:20 | Scale 1 |
| Out: | 4/1/2010 | 13:51:54 | P.T.    |

Manifest: 27434  
Vehicle ID: NIC207  
Act 90 Decal: WH7828  
Customer: EWM

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72520 | 36.26 |
| Tare:  | 26720 | 13.36 |
| Net:   | 45800 | 22.90 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.90    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27434**

Job/Project # **103902**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paulkiewicz*  
**Scott Paulkiewicz on behalf of L.E. Carpenter & Company**

DATE

**4/1/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |             |  |                |                       |
|---|-------------|--|----------------|-----------------------|
| COMPANY NAME  |             | ADDRESS  |                | PHONE NO.             |
| <b>Rainbow Trucking</b>   |             | <b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | <b>(973) 598 8845</b> |
| VEHICLE I.D. NO.  | STATE       | BOX NUMBER-IN  | BOX NUMBER-OUT | COMMENTS              |
| <b>AM 856L</b>  | <b>N.J.</b> |  |                |                       |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |             | DRIVER'S SIGNATURE   |                | DATE                  |
|   |             | PRINT DRIVER'S NAME  |                |                       |
|   |             | <i>[Signature]</i><br><b>Cesar Bedoya</b>                      |                | <b>04/01/10</b>       |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                     |
|---|--|--|--|---------------------|
| FACILITY NAME   |  | ADDRESS  |  | PHONE NO.           |
| <b>Clean Earth of Southeast Pennsylvania</b>  |  | <b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | <b>215-428-1700</b> |
| COMMENTS  |  |  |  |                     |
|   |  |  |  |                     |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                                     |  | DATE                |
|   |  | PRINT NAME   |  |                     |
|   |  | <i>[Signature]</i>                                       |  | <b>4.1.10</b>       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031746

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:53:45 | Scale 1 |
| Out: | 4/1/2010 | 13:54:08 | P.T.    |

Manifest: 27435  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70260 | 35.13 |
| Tare:  | 27800 | 13.90 |
| Net:   | 42460 | 21.23 |

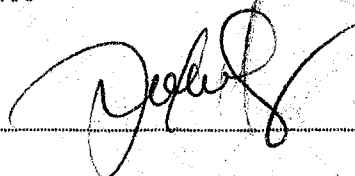
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 21.23 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27435

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankulowitz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

AK638D

W412291

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Edison Valencia

DATE

4/01/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031747

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 13:57:55 | Scale 1 |
| Out: | 4/1/2010 | 13:58:14 | P.T.    |

Manifest: 27436  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73440 | 36.72 |
| Tare:  | 27440 | 13.72 |
| Net:   | 46000 | 23.00 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.00    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27436**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  |  |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikiewicz on behalf of L.E. Carpenter & Company

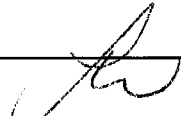
DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |   |                |                                  |
|---|-------|---|----------------|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |       | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM639D</b>   | STATE | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                         |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE<br><b>Cristian Zapata</b>                              |                | DATE<br><b>04/01/10</b>          |
|   |       | PRINT DRIVER'S NAME<br><b>Cristian Zapata</b>                             |                |                                  |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |                                  |
|---|--|--|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b>  |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |  |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br> |  | DATE<br><b>4.1.10</b>            |
|   |  | PRINT NAME   |  |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031748

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 14:12:12 | Scale 1 |
| Out: | 4/1/2010 | 14:12:36 | P.T.    |

Manifest: 27437  
Vehicle ID: RA1005  
Act 90 Decal: WH1544  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 71320 | 35.66 |
| Tare:  | 27120 | 13.56 |
| Net:   | 44200 | 22.10 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 22.10 Tns     |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27437

Job/Project/#

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL 862 U

NJ

TL 805

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

FULIO GONZALEZ

DATE

4-1-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031749

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 14:19:10 | Scale 1 |
| Out: | 4/1/2010 | 14:19:30 | P.T.    |

Manifest: 27439  
Vehicle ID: GRE208  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72540 | 36.27 |
| Tare:  | 27440 | 13.72 |
| Net:   | 45100 | 22.55 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07085

| Origin | Materials & Services | Quantity Unit |
|--------|----------------------|---------------|
|--------|----------------------|---------------|

|               |                        |           |
|---------------|------------------------|-----------|
| Sub Available | Soil Treatment Type IV | 22.55 Tns |
|---------------|------------------------|-----------|

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27439

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulukewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

ANG3810

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

Shoman

Shoman

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

Shoman

4/1/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27438  
Vehicle ID: RA1862  
Act 90 Decal: WH7892  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031750

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 14:29:51 | Scale 1 |
| Out: | 4/1/2010 | 14:30:29 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70140 | 35.07 |
| Tare:  | 27580 | 13.79 |
| Net:   | 42560 | 21.28 |

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.28    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27438**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |   |                |                                    |
|---|--------------------|---|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AL 251K</b>  | STATE<br><b>NJ</b> | BOX NUMBER-IN<br><b># 862</b>   | BOX NUMBER-OUT | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE  |                | DATE                               |
|   |                    | PRINT DRIVER'S NAME<br><b>William Zuleta</b>                              |                | <b>4-1-10</b>                      |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE  |  | DATE                             |
|   |  | PRINT NAME  |  | <b>4/1/10</b>                    |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27441  
Vehicle ID: TEV135  
Act 90 Decal: WH1548  
Customer: EMMI

Generator: L.E. Carpenter & Company  
Gen Address: 33507 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031751

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 14:31:59 | Scale 1 |
| Out: | 4/1/2010 | 14:32:29 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70080 | 35.04 |
| Tare:  | 26840 | 13.42 |
| Net:   | 43240 | 21.62 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

Origin

Materials & Services

Quantity Unit

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27441

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                               | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|---|---------------|---------------|
| XX1      | DT        | Non-Hazardous Sol, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           | Clean Earth PO # 01-103802-01             |               |               |
|          |           |   |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pashkiewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME     |       |               | ADDRESS  | PHONE NO.       |
|------------------|-------|---------------|--|-----------------|
| Rainbow Trucking |       |               | 167 Stephens Park Road<br>Hackettstown, NJ 07840 | (973 ) 598 8845 |
| VEHICLE I.D. NO. | STATE | BOX NUMBER-IN | BOX NUMBER-OUT                                   | COMMENTS        |
| 135              | NJ    |               |  |                 |

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Rolando Lorenzo

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME   | ADDRESS                                    | PHONE NO.    |
|---|--|--------------|
| <b>Clean Earth of Southeast Pennsylvania</b>  | 7 Steel Road East<br>Morrisville, PA 19067 | 215-428-1700 |
| COMMENTS  |  |              |
|   |  |              |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE                       | DATE         |
|   | PRINT NAME                                 | 4/1/10       |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27440  
Vehicle ID: HAP46  
Act 90 Decal: WH1548  
Customer: EMMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031753

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 14:42:02 | Scale 1 |
| Out: | 4/1/2010 | 14:42:21 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72420 | 36.21 |
| Tare:  | 25500 | 12.75 |
| Net:   | 46920 | 23.46 |

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 23.46 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27440**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankofsky*  
Scott Pankofsky on behalf of L.E. Carpenter & Company

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road  
Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*Am-148G*

*NJ*

*HAPPY-Time  
TEU*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Jim SLOANE*  
*Jim SLOANE*

DATE

*4-1-10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031754

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 14:46:52 | Scale 1 |
| Out: | 4/1/2010 | 14:47:11 | P.T.    |

Manifest: 27442  
Vehicle ID: NIC103  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73120 | 36.56 |
| Tare:  | 24700 | 12.35 |
| Net:   | 48420 | 24.21 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.21    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27442**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Puchalski on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 ) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL 925 P.

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Herman J. Furti

DATE

04-01-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031755

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 15:22:11 | Scale 1 |
| Out: | 4/1/2010 | 15:22:30 | P.T.    |

Manifest: 27443  
Vehicle ID: TEV45  
Act 90 Decal: WH1548  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 67220 | 33.61 |
| Tare:  | 25590 | 12.80 |
| Net:   | 41630 | 20.82 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |
|----------------|------------------------|
| Not Applicable | Soil Treatment Type IV |
|----------------|------------------------|

20 00 Tons

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # 27443  
Job/Project # 103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-480-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking - TEV #45**

**167 Stephens Park Road  
Hackensack, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Seamus Leandino

DATE

4/1-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4/1/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031756

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 15:27:37 | Scale 1 |
| Out: | 4/1/2010 | 15:27:56 | P.T.    |

Manifest: 27445  
Vehicle ID: RAI885  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72820 | 36.41 |
| Tare:  | 25680 | 12.84 |
| Net:   | 47140 | 23.57 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 23.57 Tns     |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27445

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Herby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Prodelowitz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

885 ALB-7R

NJ

I Herby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Luis Zapata

DATE

04-01-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Herby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031757

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 15:56:04 | Scale 1 |
| Out: | 4/1/2010 | 15:56:28 | P.T.    |

Manifest: 27444  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70560 | 35.28 |
| Tare:  | 26920 | 13.46 |
| Net:   | 43640 | 21.82 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.82    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27444**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikowski on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**203**

**NJ**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

**Saul Gonzalez**

DATE

**4-1-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.1.10**



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031750

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 15:57:23 | Scale 1 |
| Out: | 4/1/2010 | 15:59:27 | P.T.    |

Manifest: 27446  
Vehicle ID: RA102  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 81740 | 40.87 |
| Tare:  | 27080 | 13.54 |
| Net:   | 54660 | 27.33 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 27.33 Tns     |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27446

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankulicewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |  |                |                |
|---|-------|--|----------------|----------------|
| COMPANY NAME  |       | ADDRESS  |                | PHONE NO.      |
| Rainbow Trucking  |       | 167 Stephens Park Road<br>Hackensack, NJ 07840 |                | (973) 598 8845 |
| VEHICLE I.D. NO.  | STATE | BOX NUMBER-IN                                  | BOX NUMBER-OUT | COMMENTS       |
| AL658B  | 02    |  |                |                |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE                             |                | DATE           |
|   |       | PRINT DRIVER'S NAME                            |                |                |
|   |       | Thonn G Porras                                 |                | 04/01/10       |
|   |       | Thonn G Porras                                 |                |                |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |  |  |              |
|---|--|--|--|--------------|
| FACILITY NAME   |  | ADDRESS                                    |  | PHONE NO.    |
| Clean Earth of Southeast<br>Pennsylvania  |  | 7 Steel Road East<br>Morrisville, PA 19067 |  | 215-428-1700 |
| COMMENTS  |  |  |  |              |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE                       |  | DATE         |
|   |  | PRINT NAME                                 |  |              |
|   |  | JW   |  | 4.1.10       |
|   |  |  |  |              |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031759

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 16:24:43 | Scale 1 |
| Out: | 4/1/2010 | 16:25:04 | P.T.    |

Manifest: 27447  
Vehicle ID: RAI102  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 77740 | 38.87 |
| Tare:  | 26760 | 13.38 |
| Net:   | 50980 | 25.49 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 25.49 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27447**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paulikiewicz*  
Scott Paulikiewicz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AL3745**

**N.J.**

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Angel Franco*

**Angel Franco**

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031760

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 16:26:52 | Scale 1 |
| Out: | 4/1/2010 | 16:27:11 | P.T.    |

Manifest: 27448  
Vehicle ID: NIC80  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 76340 | 38.17 |
| Tare:  | 26840 | 13.42 |
| Net:   | 49500 | 24.75 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.75    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

*Enyulis Abreu*

Facility:

*Lu*  
Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27448**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankulowitz on behalf of L.E. Carpenter & Company

DATE

4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL599A

NJ

#80

#80

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Enyulis ABreu*  
Enyulis ABreu

DATE

4/6/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.1.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 24750  
Vehicle ID: TEV10  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031761

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 16:31:21 | Scale 1 |
| Out: | 4/1/2010 | 16:32:05 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 77180 | 38.59 |
| Tare:  | 23560 | 11.78 |
| Net:   | 53620 | 26.81 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 26.81    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27450**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company<br/>33587 Walker Road<br/>Avon Lake, OH. 44012</b> | Site Address:<br><b>170 N. Main Street<br/>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
|--|--|--|

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE  
*Scott Paulkiewicz*  
PRINT NAME  
Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE  
4/1/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |   |   |                |          |
|---|---|---|----------------|----------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   | ADDRESS<br><b>167 Stephens Park Road<br/>Hackettstown, NJ 07840</b> | PHONE NO.<br><b>(973) 598 8845</b>            |                |          |
| VEHICLE I.D. NO.<br><b>TEV 10</b>   | STATE<br><b>NJ</b>  | BOX NUMBER-IN                                 | BOX NUMBER-OUT | COMMENTS |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |   | DRIVER'S SIGNATURE<br><i>Rodrigo Paredes</i>  | DATE<br>4-1-10 |          |
|   |   | PRINT DRIVER'S NAME<br><b>Rodrigo Paredes</b> |                |          |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |   |                                  |
|---|---|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast<br/>Pennsylvania</b>   | ADDRESS<br><b>7 Steel Road East<br/>Morrisville, PA 19067</b> | PHONE NO.<br><b>215-426-1700</b> |
| COMMENTS  |   |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE<br><i>[Signature]</i>                    | DATE<br>4.1.10                   |
|   | PRINT NAME  |                                  |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031762

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/1/2010 | 16:35:50 | Scale 1 |
| Out: | 4/1/2010 | 16:36:55 | P.T.    |

Manifest: 27449  
Vehicle ID: RAI882  
Act 90 Decal: WH1544  
Customer: EWMT

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 78480 | 39.24 |
| Tare:  | 26280 | 13.14 |
| Net:   | 52200 | 26.10 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type IV | 26.10 | Tns |
|----------------|------------------------|-------|-----|

Storage Area: Area 1

Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27449**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street  
Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlikiewicz*  
Scott Pawlikiewicz on behalf of L.E. Carpenter & Company

DATE

*9/11/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road  
Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

*AM286B*

STATE

*NJ*

BOX NUMBER-IN

*(882)*

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Mark Zuckerman*  
Mark Zuckerman

DATE

*4/11/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.1.10*

**Profile GTN**

Transactions from 04/16/2010 through 04/16/2010

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

4/16/2010

3:47PM

User ID: JSIRAVO

| Ticket   | Date     | Truck  | In / Out | Manifest | Customer    | Gross                     | Tare  | Net           |
|--|----------|--------|----------|----------|-------------|---------------------------|-------|---------------|
| <b>03150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |        |          |          |             | Global Job Number: 113760 |       |               |
| 315000032776   | 04/16/10 | GRE210 | I        | 27510    | EWM426-EWMI | 38.03                     | 13.90 | 24.13         |
| 315000032780   | 04/16/10 | RAI91  | I        | 27511    | EWM426-EWMI | 35.56                     | 13.04 | 22.52         |
| 315000032783   | 04/16/10 | GRE205 | I        | 27514    | EWM426-EWMI | 40.66                     | 13.76 | 26.90         |
| 315000032784   | 04/16/10 | GRE209 | I        | 27515    | EWM426-EWMI | 40.54                     | 13.72 | 26.82         |
| 315000032786   | 04/16/10 | RAI71  | I        | 27516    | EWM426-EWMI | 40.44                     | 12.99 | 27.45         |
| 315000032791   | 04/16/10 | GRE208 | I        | 27518    | EWM426-EWMI | 39.17                     | 13.72 | 25.45         |
| 315000032820   | 04/16/10 | GRE203 | I        | 27519    | EWM426-EWMI | 35.52                     | 13.46 | 22.06         |
| 315000032846   | 04/16/10 | RAI881 | I        | 27520    | EWM426-EWMI | 39.33                     | 13.10 | 26.23         |
| 315000032848   | 04/16/10 | RAI880 | I        | 27521    | EWM426-EWMI | 40.22                     | 13.07 | 27.15         |
| 315000032851   | 04/16/10 | GRE210 | I        | 27522    | EWM426-EWMI | 42.17                     | 13.90 | 28.27         |
| 315000032860   | 04/16/10 | GRE205 | I        | 27523    | EWM426-EWMI | 41.90                     | 13.76 | 28.14         |
| 315000032862   | 04/16/10 | RAI71  | I        | 27525    | EWM426-EWMI | 41.77                     | 12.99 | 28.78         |
| 315000032863   | 04/16/10 | GRE209 | I        | 27524    | EWM426-EWMI | 41.08                     | 13.72 | 27.36         |
| 315000032876   | 04/16/10 | NIC870 | I        | 27526    | EWM426-EWMI | 42.18                     | 13.21 | 28.97         |
| <b>03150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |        |          |          |             |                           |       | <b>370.23</b> |

4 tickets

**Report Grand Totals****370.23**

4 tickets

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032876

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 15:16:36 | Scale 1 |
| Out: | 4/16/2010 | 15:16:59 | P.T.    |

Manifest: 27526  
Vehicle ID: NIC870  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 84360 | 42.18 |
| Tare:  | 26420 | 13.21 |
| Net:   | 57940 | 28.97 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 28.97    | Tns  |

Storage Area: Area 1  
Comment:

Driver:

Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27526

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07640

973 ) 598 8645

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM194E

NJ

870

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Carlos Oviedo

DATE

04-16-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.16.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704.

Manifest: 27524  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000032863

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 14:04:47 | Scale 1 |
| Out: | 4/16/2010 | 14:05:06 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82160 | 41.08 |
| Tare:  | 27440 | 13.72 |
| Net:   | 54720 | 27.36 |

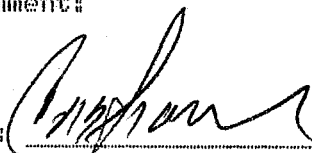
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.36    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27524**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br>33587 Walker Road<br>Avon Lake, OH. 44012 |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>                                   |  |  |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Poulakis on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |       |   |                |                                  |
|---|-------|---|----------------|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |       | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AM637D</b>   | STATE | BOX NUMBER-IN<br><b>209</b>   | BOX NUMBER-OUT | COMMENTS                         |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |       | DRIVER'S SIGNATURE<br><i>Prisham Zapata</i>                               |                | DATE<br><b>04/16/10</b>          |
|   |       | PRINT DRIVER'S NAME<br><b>Prisham Zapata</b>                              |                |                                  |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br><i>[Signature]</i>                          |  | DATE<br><b>4/16/10</b>           |
|   |  | PRINT NAME<br><b>Tim S</b>  |  |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27525  
Vehicle ID: RAI71  
Act 90 Decal: WH1544  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000032862

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 13:59:46 | Scale 1 |
| Out: | 4/16/2010 | 14:00:07 | P.T.    |

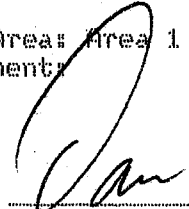
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 83540 | 41.77 |
| Tare:  | 25980 | 12.99 |
| Net:   | 57560 | 28.78 |


Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 28.78    | Tns  |

Storage Area: Area 1  
Comments:

Driver: 

Facility: 

Sirav, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27525

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulik on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM352H

NJ

71

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DAN KERR

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

J. M. S.

DATE

4/16/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032860

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 13:51:34 | Scale 1 |
| Out: | 4/16/2010 | 13:51:49 | P.T.    |

Manifest: 27523  
Vehicle ID: GRE205  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 83800 | 41.90 |
| Tare:  | 27520 | 13.76 |
| Net:   | 56280 | 28.14 |

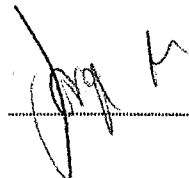
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

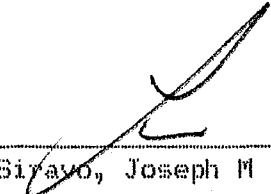
Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 28.14    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27523

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Poudel-Hewer on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM122A

NJ

205

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jorge Medina

DATE

4-16-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19057

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.16.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27522  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000032851

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 13:28:38 | Scale 1 |
| Out: | 4/16/2010 | 13:28:54 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 84340 | 42.17 |
| Tare:  | 27800 | 13.90 |
| Net:   | 56540 | 28.27 |

Facility Approval#: 103150018

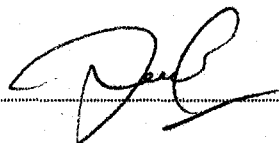
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity Unit |
|--------|----------------------|---------------|
|--------|----------------------|---------------|

|                |                        |           |
|----------------|------------------------|-----------|
| Not Applicable | Soil Treatment Type IV | 28.27 Tns |
|----------------|------------------------|-----------|

Storage Area: Not Applicable  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest / Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27522

Job/Project #

103902

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                               | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|---|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/CRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           |   |               |               |
|          |           | Clean Earth PO # 01-103902-01             |               |               |
|          |           |   |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlinski on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07640

973 ) 500 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM638D  
WH12291

NJ

210

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Edison Valencia

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

JMS

DATE

4/16/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032848

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 13:11:53 | Scale 1 |
| Out: | 4/16/2010 | 13:12:11 | P.T.    |

Manifest: 27521  
Vehicle ID: RAI880  
Act 90 Decal: WH1544  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 80440 | 40.22 |
| Tare:  | 26140 | 13.07 |
| Net:   | 54300 | 27.15 |

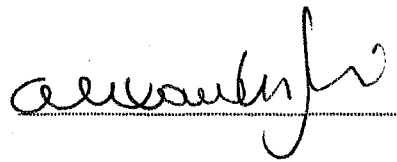
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 27.15    | Tns  |

Storage Area: Not Applicable  
Comment:

Driver:



Facility:

Saravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27521

Jpb/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07805

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulsen

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

ALT78N

N.J.

880

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Alexander Sierra

DATE

4-16-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

7 Steel Road East  
Monroeville, PA 15146

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

JMS

DATE

4-16-10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032846

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 13:04:47 | Scale 1 |
| Out: | 4/16/2010 | 13:05:06 | P.T.    |

Manifest: 27520  
Vehicle ID: RAI881  
Act 90 Decal: WH1544  
Customer: EWMI

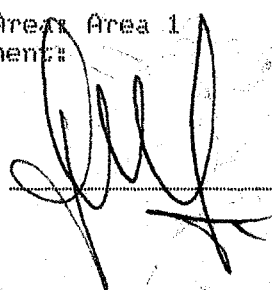
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 78660 | 39.33 |
| Tare:  | 26200 | 13.10 |
| Net:   | 52460 | 26.23 |

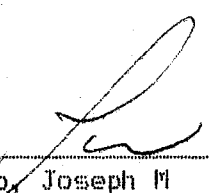
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 26.23 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27520

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulikury on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

167 Stephens Park Road  
Hackensack, NJ 07840

PHONE NO.

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL803R

NJ

881

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

John Rattino

DATE

04-16-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast  
Pennsylvania**

ADDRESS

7 Steel Road East  
Morrisville, PA 19067

PHONE NO.

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4/16/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27519  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000032820

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 11:41:41 | Scale 1 |
| Out: | 4/16/2010 | 11:42:07 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 71040 | 35.52 |
| Tare:  | 26920 | 13.46 |
| Net:   | 44120 | 22.06 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 22.06 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27519

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikiewicz on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM120A

NJ

203

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

4-16-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.16.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032791

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 10:10:47 | Scale 1 |
| Out: | 4/16/2010 | 10:11:12 | P.T.    |

Manifest: 27518  
Vehicle ID: GRE208  
Act 90 Decal: WH12291  
Customer: EWMI

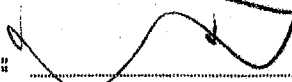
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 78340 | 39.17 |
| Tare:  | 27440 | 13.72 |
| Net:   | 50900 | 25.45 |

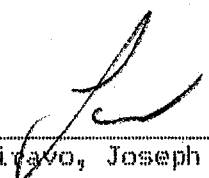
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 25.45    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27518

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

973 ) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AMC5KR

NJ

208

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4/16/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27516  
Vehicle ID: RAI71  
Act 90 Decal: WH1544  
Customer: EWM

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000032786

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 09:56:06 | Scale 1 |
| Out: | 4/16/2010 | 09:56:26 | P.T.    |

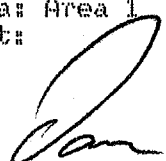
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 80880 | 40.44 |
| Tare:  | 25980 | 12.99 |
| Net:   | 54900 | 27.45 |

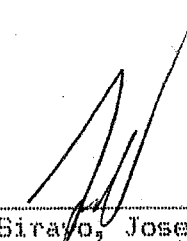
Facility Approval#: 103150010

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 27.45 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non-Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27516

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikowski on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

( 973 ) 598 8845

| VEHICLE I.D. NO. | STATE | BOX NUMBER-IN | BOX NUMBER-OUT | COMMENTS |
|------------------|-------|---------------|----------------|----------|
| AM 352 H         | NJ    | 71            |                |          |

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DAN KERR

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME                                | ADDRESS                                    | PHONE NO.    |
|--|--|--------------|
| <b>Clean Earth of Southeast Pennsylvania</b> | 7 Steel Road East<br>Morrisville, PA 19067 | 215-428-1700 |

| COMMENTS |
|----------|
|          |

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

Tal Sirany

DATE

4/16/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032784

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 09:47:42 | Scale 1 |
| Out: | 4/16/2010 | 09:47:58 | P.T.    |

Manifest: 27515  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 81080 | 40.54 |
| Tare:  | 27440 | 13.72 |
| Net:   | 53640 | 26.82 |

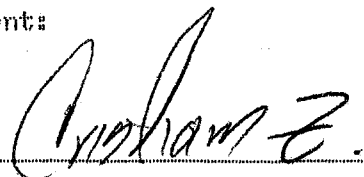
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

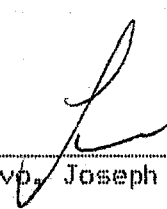
| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 26.82 Tns     |

Storage Area: Area 1  
Comment:

Driver:



Facility:

  
Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27515**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XXI      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikowski is an authorized representative of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road  
Hackensack, NJ 07840**

( 973 ) 598 8645

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM637D

209

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

04/16/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.16.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032783

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 09:45:11 | Scale 1 |
| Out: | 4/16/2010 | 09:45:39 | P.T.    |

Manifest: 27514  
Vehicle ID: GRE205  
Act 90 Decal: WH7892  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 81320 | 40.66 |
| Tare:  | 27520 | 13.76 |
| Net:   | 53800 | 26.90 |

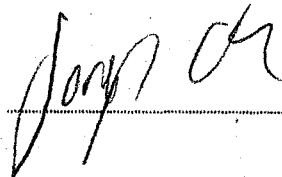
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 26.90    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

**27514**

Job/Project #

**103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

DATE

**4/16/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**( 973 ) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AM122A**

**NJ**

**205**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

DATE

**Jorge Medina**  
**Jorge Medina**

**4-16-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Monroeville, PA 15147**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.16.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 31500032780

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 09:37:08 | Scale 1 |
| Out: | 4/16/2010 | 09:37:31 | P.T.    |

Manifest: 27511  
Vehicle ID: RA191  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 71120 | 35.56 |
| Tare:  | 26080 | 13.04 |
| Net:   | 45040 | 22.52 |

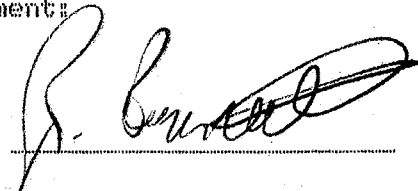
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.52    | Tns  |

Storage Area: Area 1  
Comment:

Driver:



Facility:

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27511

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulsen on behalf of L.E. Carpenter & Company

DATE

4/16/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM351 H

NJ

91

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

RICH BANCHELLI

DATE

4-16-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.16.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000032776

|      | Date      | Time     | Scale   |
|------|-----------|----------|---------|
| In:  | 4/16/2010 | 09:13:47 | Scale 1 |
| Out: | 4/16/2010 | 09:14:10 | P.T.    |

Manifest: 27510  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EWMI

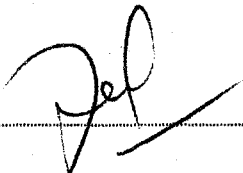
|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 76060 | 38.03 |
| Tare:  | 27800 | 13.90 |
| Net:   | 48260 | 24.13 |

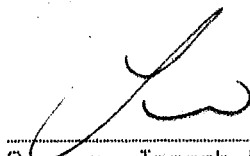
Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.13    | Tns  |

Storage Area: Area 1  
Comment:

Driver: 

Facility: 

Siravo, Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27510**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paulsen*  
Scott Paulsen on behalf of L.E. Carpenter & Company

DATE

*4/16/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*4M6380*  
*WH12291*

*NT*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Edison Valencia*  
**Edison Valencia**

DATE

*4/16/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

*4.16.10*

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031792

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/2/2010 | 09:52:51 | Scale 1 |
| Out: | 4/2/2010 | 09:53:26 | P.T.    |

Manifest: 27408  
Vehicle ID: RAI871  
Act 90 Decal: WH1544  
Customer: EMMI


|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74520 | 37.26 |
| Tare:  | 26740 | 13.37 |
| Net:   | 47780 | 23.89 |


Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 23.89 Tns     |

Storage Area: Area 1  
Comment:

Driver: 

Facility:   
Siravo, Joseph M



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27408**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz on behalf of L.E. Carpenter & Company*

DATE

*4/1/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AM 285B*

*NJ*

*871*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Gustavo Soto*

*Soto*

DATE

*04-01-10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

*4.2.10*

sRpPrfGTN.rpt

## Clean Earth of Southeast Pennsylvania

**Profile GTN**

Profile: 103150018

Site ID: 315

Transactions from 04/05/2010 through 04/05/2010

Inbound Tickets Only

Third Party and Intercompany Customers

Sent and Unsent Tickets

Full Details

User ID: JSINAVO

| Ticket  | Date     | Truck   | In / Out | Manifest | Customer    | Gross                     | Tare  | Net    |
|---|----------|---------|----------|----------|-------------|---------------------------|-------|--------|
| <b>103150018 - Dayco Corp/L.E. Carpenter Superfund Site</b> |          |         |          |          |             | Global Job Number: 113760 |       |        |
| 315000031860  | 04/05/10 | GRE209  | I        | 27451    | EWM426-EWMI | 37.87                     | 13.72 | 24.15  |
| 315000031863  | 04/05/10 | TEV04   | I        | 27453    | EWM426-EWMI | 36.71                     | 12.07 | 24.64  |
| 315000031864  | 04/05/10 | CVT99   | I        | 27452    | EWM426-EWMI | 37.67                     | 11.70 | 25.97  |
| 315000031866  | 04/05/10 | TEV57   | I        | 27454    | EWM426-EWMI | 37.67                     | 13.70 | 23.97  |
| 315000031871  | 04/05/10 | TEV88   | I        | 27457    | EWM426-EWMI | 36.09                     | 13.82 | 22.27  |
| 315000031874  | 04/05/10 | TEV06   | I        | 27458    | EWM426-EWMI | 35.42                     | 13.37 | 22.05  |
| 315000031876  | 04/05/10 | TEV30   | I        | 27455    | EWM426-EWMI | 38.73                     | 13.20 | 25.53  |
| 315000031877  | 04/05/10 | BLA8224 | I        | 27459    | EWM426-EWMI | 36.54                     | 12.35 | 24.19  |
| 315000031878  | 04/05/10 | TEV77   | I        | 27460    | EWM426-EWMI | 41.04                     | 14.55 | 26.49  |
| 315000031879  | 04/05/10 | GRE210  | I        | 27461    | EWM426-EWMI | 40.25                     | 13.90 | 26.35  |
| 315000031884  | 04/05/10 | TEV16   | I        | 27456    | EWM426-EWMI | 33.78                     | 13.13 | 20.65  |
| 315000031892  | 04/05/10 | GRE203  | I        | 27463    | EWM426-EWMI | 36.78                     | 13.46 | 23.32  |
| 315000031893  | 04/05/10 | GRE209  | I        | 27462    | EWM426-EWMI | 37.40                     | 13.72 | 23.68  |
| 315000031896  | 04/05/10 | GRE210  | I        | 27464    | EWM426-EWMI | 40.73                     | 13.90 | 26.83  |
| 315000031897  | 04/05/10 | TEV14   | I        | 27465    | EWM426-EWMI | 35.33                     | 13.62 | 21.71  |
| 315000031898  | 04/05/10 | CVT99   | I        | 27466    | EWM426-EWMI | 35.76                     | 11.70 | 24.06  |
| 315000031906  | 04/05/10 | TEV88   | I        | 27468    | EWM426-EWMI | 35.26                     | 13.82 | 21.44  |
| 315000031907  | 04/05/10 | BLA8224 | I        | 27467    | EWM426-EWMI | 36.43                     | 12.35 | 24.08  |
| 315000031911  | 04/05/10 | TEV170  | I        | 27469    | EWM426-EWMI | 27.72                     | 12.59 | 15.13  |
| 315000031912  | 04/05/10 | BLA2482 | I        | 27470    | EWM426-EWMI | 30.68                     | 13.02 | 17.66  |
| <b>103150018 - Dayco Corp/L.E. Carpenter Superfund Sit</b>  |          |         |          |          |             |                           |       | 464.17 |

20 tickets

**Report Grand Totals**

20 tickets

464.17

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27470  
Vehicle ID: BLA2482  
Act 90 Decal: WH10261  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031912

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 17:24:10 | Scale 1 |
| Out: | 4/5/2010 | 17:24:31 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 61360 | 30.68 |
| Tare:  | 26040 | 13.02 |
| Net:   | 35320 | 17.66 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 17.66    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27470**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I, Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Funkhouser*  
Scott Funkhouser on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*AK2694*

*15*

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Pedro*  
*Pedro*

DATE

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27469  
Vehicle ID: TEV170  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031911

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 17:21:33 | Scale 1 |
| Out: | 4/5/2010 | 17:22:19 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 55440 | 27.72 |
| Tare:  | 25180 | 12.59 |
| Net:   | 30260 | 15.13 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity Unit |
|--------|----------------------|---------------|
|--------|----------------------|---------------|

|                |                        |           |
|----------------|------------------------|-----------|
| Not Applicable | Soil Treatment Type IV | 15.13 Tns |
|----------------|------------------------|-----------|

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27469**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawelchuk*  
**Scott Pawelchuk on behalf of L.E. Carpenter & Company**

DATE

**4/5/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

**0170 (AN 3234)**

STATE

**NJ**

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Keith Barrantes*  
**Keith Barrantes**

DATE

**04/11/10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast**  
**Pennsylvania**

ADDRESS

**7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.5.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031907

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 16:46:46 | Scale 1 |
| Out: | 4/5/2010 | 16:47:09 | P.T.    |

Manifest: 27467  
Vehicle ID: BLA8224  
Act 90 Decal: WH10261  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72860 | 36.43 |
| Tare:  | 24700 | 12.35 |
| Net:   | 48160 | 24.08 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.08    | Tns  |

Storage Area: Area 1  
Comment:

Driver: Sell

Facility: L

Siravol Joseph M

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27467

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

AL349A - NJ  
8224 BLADE

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Sean E Bernard

DATE

4-5-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031893

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 13:00:35 | Scale 1 |
| Out: | 4/5/2010 | 13:00:58 | P.T.    |

Manifest: 27462  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 74800 | 37.40 |
| Tare:  | 27440 | 13.72 |
| Net:   | 47360 | 23.68 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin | Materials & Services | Quantity | Unit |
|--------|----------------------|----------|------|
|--------|----------------------|----------|------|

|                |                        |       |     |
|----------------|------------------------|-------|-----|
| Not Applicable | Soil Treatment Type IV | 23.68 | Tns |
|----------------|------------------------|-------|-----|

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& **Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27462

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               | 74800         |
|          |           |  |               | 27140         |
|          |           |  |               | 47860         |
|          |           | Clean Earth PO # 01-103802-01              |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM637D

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Cristian Zapata

DATE

04/05/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4/5/10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27468  
Vehicle ID: TEV88  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031906

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 16:44:03 | Scale 1 |
| Out: | 4/5/2010 | 16:44:34 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70520 | 35.26 |
| Tare:  | 27640 | 13.82 |
| Net:   | 42880 | 21.44 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.44    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27468**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |
|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
| Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b>   |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |   |                |                                  |
|---|--------------------|---|----------------|----------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b> |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                | PHONE NO.<br><b>973 598 8845</b> |
| VEHICLE I.D. NO.<br><b>TRUCK #88</b>    | STATE<br><b>NJ</b> | BOX NUMBER-IN   | BOX NUMBER-OUT | COMMENTS                         |

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Luis A. Contreras

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE  |  | DATE                             |
|   |  | PRINT NAME  |  | 4.5.10                           |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031898

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 15:15:03 | Scale 1 |
| Out: | 4/5/2010 | 15:15:40 | P.T.    |

Manifest: 27466  
Vehicle ID: CVT99  
Act 90 Decal: WH7900  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 71520 | 35.76 |
| Tare:  | 23400 | 11.70 |
| Net:   | 48120 | 24.06 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 24.06 Tns     |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27466

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Penabazquez on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 , 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

14J-7502

N.Y.

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

ERIC W. FUCATAS

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031897

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 15:04:39 | Scale 1 |
| Out: | 4/5/2010 | 15:05:03 | P.T.    |

Manifest: 27465  
Vehicle ID: TEV14  
Act 90 Decal: WH1548  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70660 | 35.33 |
| Tare:  | 27240 | 13.62 |
| Net:   | 43420 | 21.71 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 21.71    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27465**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |  |
|--|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b> |
|  |  |  | 24 HOUR EMERGENCY PHONE #<br><b>877-460-1038</b>                     |

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                     |   |                             |                                    |
|---|---------------------|---|-----------------------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                     | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b> |                             | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AK123E</b>   | STATE<br><b>TEV</b> | BOX NUMBER-IN<br><b>14</b>  | BOX NUMBER-OUT<br><b>15</b> | COMMENTS                           |
| I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                     | DRIVER'S SIGNATURE<br>  |                             | DATE                               |
|   |                     | PRINT DRIVER'S NAME<br><b>Hughes D. Bailey</b>                            |                             |                                    |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b> |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br>  |  | DATE<br><b>4.5.10</b>            |
|   |  | PRINT NAME  |  |                                  |



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031896

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 14:09:42 | Scale 1 |
| Out: | 4/5/2010 | 14:09:56 | P.T.    |

Manifest: 27464  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 81460 | 40.73 |
| Tare:  | 27800 | 13.90 |
| Net:   | 53660 | 26.83 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 26.83    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27464

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM6380  
WH122-91

NJ.

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Edison Valencia*

Edison Valencia

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031892

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 12:50:53 | Scale 1 |
| Out: | 4/5/2010 | 12:51:43 | P.T.    |

Manifest: 27463  
Vehicle ID: GRE203  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73560 | 36.78 |
| Tare:  | 26920 | 13.46 |
| Net:   | 46640 | 23.32 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 23.32    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27463**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               | 73560         |
|          |           |  |               | 26920         |
|          |           |  |               | 16610         |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

203

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Scott Perrelec

DATE

4-5-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031804

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 10:58:21 | Scale 1 |
| Out: | 4/5/2010 | 10:58:45 | P.T.    |

Manifest: 27456  
Vehicle ID: TEV16  
Act 90 Decal: WH1544  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 67560 | 33.78 |
| Tare:  | 26260 | 13.13 |
| Net:   | 41300 | 20.65 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 20.65    | Tns  |

Storage Area: Area 1  
Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
& Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27456**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH 44012

Site Address:  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pundlichnick on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

**Rainbow Trucking**

ADDRESS

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

PHONE NO.

**973 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

9J509R - TRU 16

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Jaime Toro  
JAIME TORO

DATE

4/5/2010

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

**Clean Earth of Southeast**  
**Pennsylvania**

ADDRESS

**7 Steel Road East**  
**Morrisville, PA 19067**

PHONE NO.

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031879

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 10:10:13 | Scale 1 |
| Out: | 4/5/2010 | 10:10:26 | P.T.    |

Manifest: 27461  
Vehicle ID: GRE210  
Act 90 Decal: WH12291  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 80500 | 40.25 |
| Tare:  | 27800 | 13.90 |
| Net:   | 52700 | 26.35 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 26.35 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27461

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott P. ... on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 , 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AM638D  
WH 12291

NJ.

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Edisson Valeur

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWM I AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27460  
Vehicle ID: TEV77  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031878

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:59:58 | Scale 1 |
| Out: | 4/5/2010 | 10:00:19 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 82080 | 41.04 |
| Tare:  | 29100 | 14.55 |
| Net:   | 52980 | 26.49 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 26.49 Tns     |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27460

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pankulowitz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road  
Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

A241790

N.J.

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

CARLOS R. Perez

DATE

4-5-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031877

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:50:53 | Scale 1 |
| Out: | 4/5/2010 | 09:51:24 | P.T.    |

Manifest: 27459  
Vehicle ID: BLA8224  
Act 90 Decal: WH10261  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73080 | 36.54 |
| Tare:  | 24700 | 12.35 |
| Net:   | 48380 | 24.19 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 24.19 Tns     |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27459

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulkiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

AL349A NJ  
BLADE 8224

STATE

NJ

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Sean E Bernard

DATE

4-5-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27455  
Vehicle ID: TEV30  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031A76

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:48:54 | Scale 1 |
| Out: | 4/5/2010 | 09:49:18 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 77460 | 38.73 |
| Tare:  | 26400 | 13.20 |
| Net:   | 51060 | 25.53 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services     | Quantity | Unit |
|----------------|--------------------------|----------|------|
| Not Applicable | / Soil Treatment Type IV | 25.53    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27455**  
Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

|  |  |  |  |
|--|--|--|--|
| COMPANY NAME/ADDRESS<br><b>L.E. Carpenter &amp; Company</b><br><b>33587 Walker Road</b><br><b>Avon Lake, OH. 44012</b> |  | Site Address:<br><b>170 N. Main Street</b><br><b>Wharton, NJ 07885</b> | IN CASE OF EMERGENCY OR SPILL CONTACT<br><b>Rapid Response, Inc.</b><br>24 HOUR EMERGENCY PHONE #<br><b>877-480-1038</b> |
|--|--|--|--|

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify, that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

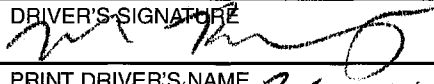
PRINT NAME

Scott Paulikiewicz on behalf of L.E. Carpenter & Company

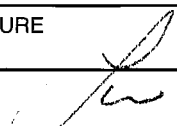
DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

|   |                    |   |                |                                    |
|---|--------------------|---|----------------|------------------------------------|
| COMPANY NAME<br><b>Rainbow Trucking</b>   |                    | ADDRESS<br><b>167 Stephens Park Road</b><br><b>Hackettstown, NJ 07840</b>                                 |                | PHONE NO.<br><b>(973) 598 8845</b> |
| VEHICLE I.D. NO.<br><b>AL5974</b>   | STATE<br><b>NT</b> | BOX NUMBER-IN<br><b>TEU 30</b>  | BOX NUMBER-OUT | COMMENTS                           |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |                    | DRIVER'S SIGNATURE<br> |                | DATE<br><b>4-5-10</b>              |
|   |                    | PRINT DRIVER'S NAME<br><b>MARK BENNETT</b>  |                |                                    |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

|   |  |   |  |                                  |
|---|--|---|--|----------------------------------|
| FACILITY NAME<br><b>Clean Earth of Southeast Pennsylvania</b>   |  | ADDRESS<br><b>7 Steel Road East</b><br><b>Morrisville, PA 19067</b>   |  | PHONE NO.<br><b>215-428-1700</b> |
| COMMENTS  |  |   |  |                                  |
| I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. |  | AUTHORIZED SIGNATURE<br> |  | DATE<br><b>4-5-10</b>            |
|   |  | PRINT NAME  |  |                                  |

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031874

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:44:32 | Scale 1 |
| Out: | 4/5/2010 | 09:45:05 | P.T.    |

Manifest: 27458  
Vehicle ID: TEV06  
Act 90 Decal:  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 70840 | 35.42 |
| Tare:  | 26740 | 13.37 |
| Net:   | 44100 | 22.05 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.05    | Tns  |

Storage Area: Area 4

Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27458

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulikering on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

973 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AL510S

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Joe P. M.

DATE

4/5-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031871

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:37:14 | Scale 1 |
| Out: | 4/5/2010 | 09:37:37 | P.T.    |

Manifest: 27457  
Vehicle ID: TEV88  
Act 90 Decal: WH1548  
Customer: EWHI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 72180 | 36.09 |
| Tare:  | 27640 | 13.02 |
| Net:   | 44540 | 22.27 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 22.27    | Tns  |

Storage Area: Area 1

Comment:

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27457

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

Site Address:  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1038

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Pawlikowski on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackensack, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

# 88

NJ

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

LUIS A. CONTRERAS

DATE

4-5-10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031866

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:24:31 | Scale 1 |
| Out: | 4/5/2010 | 09:25:07 | P.T.    |

Manifest: 27454  
Vehicle ID: TEV57  
Act 90 Decal: WH1548  
Customer: EWMI


|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 75340 | 37.67 |
| Tare:  | 27400 | 13.70 |
| Net:   | 47940 | 23.97 |

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Facility Approval#: 103150018  
Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity Unit |
|----------------|------------------------|---------------|
| Not Applicable | Soil Treatment Type IV | 23.97 Tns     |

Storage Area: Area 1  
Comment:



Facility:



# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

**27454**

Job/Project #

**103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company  
33587 Walker Road  
Avon Lake, OH. 44012**

**Site Address:  
170 N. Main Street  
Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY   | SIZE/TYPE | DESCRIPTION                                       | APPROVAL CODE    | WEIGHT/VOLUME       |
|------------|-----------|---|------------------|---------------------|
| <b>XX1</b> | <b>DT</b> | <b>Non-Hazardous Soil, DOT/RCRA Non-Regulated</b> | <b>103150018</b> | <b>Est. 22 Tons</b> |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           |   |                  |                     |
|            |           | <b>Clean Earth PO # 01-103802-01</b>              |                  |                     |
|            |           |   |                  |                     |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pankiewicz*  
Scott Pankiewicz on behalf of L.E. Carpenter & Company

DATE

**4/5/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking - T.E.V #57**

**167 Stephens Park Road  
Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**A1-850N**

**N.J.**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*JOSE A VELASQUEZ*  
*JOSE A VELASQUEZ*

DATE

**04-05-10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

**7 Steel Road East  
Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.5.10**

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031864

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:19:51 | Scale 1 |
| Out: | 4/5/2010 | 09:20:27 | P.T.    |

Manifest: 27452  
Vehicle ID: CVT99  
Act 90 Decal: WH7900  
Customer: EMMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 75340 | 37.67 |
| Tare:  | 23400 | 11.70 |
| Net:   | 51940 | 25.97 |

Facility Approval#: 103150018

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 25.97    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.  
& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document #

27452

Job/Project #

103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

877-460-1030

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

Scott Paulikiewicz on behalf of L.E. Carpenter & Company

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

167 Stephens Park Road  
Hackettstown, NJ 07840

(973) 598 8845

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

AT-7512

N.J.

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

Eric M. Fuentes

DATE

4/5/10

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast  
Pennsylvania**

7 Steel Road East  
Morrisville, PA 19067

215-428-1700

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

4.5.10

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Manifest: 27453  
Vehicle ID: TEV04  
Act 90 Decal: WH1548  
Customer: EWMI

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Ticket: 315000031863

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:17:45 | Scale 1 |
| Out: | 4/5/2010 | 09:18:02 | P.T.    |

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 73420 | 36.71 |
| Tare:  | 24140 | 12.07 |
| Net:   | 49280 | 24.64 |

Facility Approval#: 103150018

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07885

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.64    | Tns  |

Storage Area: Area 1

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # **27453**

Job/Project # **103802**

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
**33587 Walker Road**  
**Avon Lake, OH. 44012**

**Site Address:**  
**170 N. Main Street**  
**Wharton, NJ 07885**

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Paul Minter on behalf of L.E. Carpenter & Company*

DATE

**4/5/10**

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

**AK937X**

**NJ**

I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Steven Cabreja*

DATE

**4/5/10**

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

DATE

**4.5.10**



Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: (215) 428-1700 Fax: (215) 428-1704

Ticket: 315000031860

|      | Date     | Time     | Scale   |
|------|----------|----------|---------|
| In:  | 4/5/2010 | 09:00:12 | Scale 1 |
| Out: | 4/5/2010 | 09:00:42 | P.T.    |

Manifest: 27451  
Vehicle ID: GRE209  
Act 90 Decal: WH12291  
Customer: EWMI

|        | Lbs   | Tns   |
|--------|-------|-------|
| Gross: | 75740 | 37.87 |
| Tare:  | 27440 | 13.72 |
| Net:   | 48300 | 24.15 |

Facility Approval#: 103150010

Generator: L.E. Carpenter & Company  
Gen Address: 33587 Walker Rd.  
Avon Lake, OH 44012

Job Name: Dayco Corp/L.E. Carpenter Sup  
Job Address: 170 N. Main St.  
Wharton, NJ 07805

| Origin         | Materials & Services   | Quantity | Unit |
|----------------|------------------------|----------|------|
| Not Applicable | Soil Treatment Type IV | 24.15    | Tns  |

# Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:  
**Environmental Waste Minimization, Inc.**  
**& Rapid Response, Inc.**  
14 Brick Kiln Court  
Northampton, PA 18067  
Phone 484-275-6900  
Fax 484-275-6970

Document # 27451  
Job/Project # 103802

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

**L.E. Carpenter & Company**  
33587 Walker Road  
Avon Lake, OH. 44012

**Site Address:**  
170 N. Main Street  
Wharton, NJ 07885

IN CASE OF EMERGENCY OR SPILL CONTACT

**Rapid Response, Inc.**

24 HOUR EMERGENCY PHONE #

**877-460-1038**

| QUANTITY | SIZE/TYPE | DESCRIPTION                                | APPROVAL CODE | WEIGHT/VOLUME |
|----------|-----------|--|---------------|---------------|
| XX1      | DT        | Non-Hazardous Soil, DOT/RCRA Non-Regulated | 103150018     | Est. 22 Tons  |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           |  |               |               |
|          |           | Clean Earth PO # 01-103802-01              |               |               |
|          |           |  |               |               |

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR'S SIGNATURE

PRINT NAME

*Scott Pawlowski on behalf of L.E. Carpenter & Company*

DATE

*4/5/10*

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

COMPANY NAME

ADDRESS

PHONE NO.

**Rainbow Trucking**

**167 Stephens Park Road**  
**Hackettstown, NJ 07840**

**(973) 598 8845**

VEHICLE I.D. NO.

STATE

BOX NUMBER-IN

BOX NUMBER-OUT

COMMENTS

*A11637D*

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon.

DRIVER'S SIGNATURE

PRINT DRIVER'S NAME

*Christian Zapala*

DATE

*04/05/10*

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

FACILITY NAME

ADDRESS

PHONE NO.

**Clean Earth of Southeast**  
**Pennsylvania**

**7 Steel Road East**  
**Morrisville, PA 19067**

**215-428-1700**

COMMENTS

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

PRINT NAME

*[Signature]*

DATE

*4.5.10*



Faster, smarter, greener solutions...

March 23, 2010

Cheryl L. Fitzgerald  
Environmental Waste Minimization, Inc.  
Rapid Response, Inc.  
14 Brick Kiln Court  
Northampton, PA. 18067

**Re: Approval letter for the Wharton Project**

Dear Ms. Fitzgerald:

Clean Earth of Southeast Pennsylvania, Inc. (CESP) has received the analytical results for the above referenced Site. Based on the Site profile and the information received, CESP has approved 5,140 tons for shipment. CESP has assigned approval No. 103150018 to the project.

If you have any questions or require further information, please contact me at 215-428-1700 or email at [jsiravo@cleanearthinc.com](mailto:jsiravo@cleanearthinc.com).

Sincerely,

Joseph M. Siravo  
Technical Manager  
Clean Earth of Southeast Pennsylvania

# **L.E. CARPENTER**

**AND COMPANY**  
**33587 Walker Road**  
**Avon Lake, Ohio**



L.E. Carpenter & Company hereby gives RMT Inc. authorization to sign on our behalf all waste characterization reports, shipping paperwork, manifests, and bill of ladings associated with the transportation and disposal of special waste from the L.E. Carpenter's Wharton, New Jersey property.

A handwritten signature in black ink that reads "Ernie Schaub".

---

Ernie Schaub  
Manager, Environmental Services

23 March 2010  
Date

|   |   |  |   |   |   |                    |                 |
|---|---|--|---|---|---|--------------------|-----------------|
| <b>FORM HAZARDOUS WASTE MANIFEST</b>  |   | 1. Generator ID Number<br><b>N3D002168748</b>  | 2. Page 1 of<br><b>1</b>  | 3. Emergency Response Phone<br><b>877-460-1038 (24hr)</b> | 4. Manifest Tracking Number<br><b>000572516 JJK</b> |                    |                 |
| 5. Generator's Name and Mailing Address<br><b>LE Carpenter &amp; CO<br/>33587 Walker RD<br/>Avon Lake OH 44012<br/>616-915-3604</b>   |   |  | Generator's Site Address (if different than mailing address)<br><b>Dayco Corporation/LE<br/>Carpenter Superfund site<br/>170 N Main St<br/>Wharton NJ 07885</b> |   |   |                    |                 |
| 6. Transporter 1 Company Name<br><b>Environmental Waste Minimization Inc</b>  |   |  | U.S. EPA ID Number<br><b>PA2006501577</b>   |   |   |                    |                 |
| 7. Transporter 2 Company Name<br><b>Horwith Trucks Inc</b>  |   |  | U.S. EPA ID Number<br><b>PA0146714878</b>   |   |   |                    |                 |
| 8. Designated Facility Name and Site Address<br><b>ROSS Incineration Services Inc<br/>36780 Giles RD<br/>Grakton OH 44044<br/>860-878-7677</b>  |   |  | U.S. EPA ID Number<br><b>040048415665</b>   |   |   |                    |                 |
| Facility's Phone:   |   |  |   |   |   |                    |                 |
| GENERATOR   | 9a. HM  | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers  |   | 11. Total Quantity                                  | 12. Unit Wt./Vol.  | 13. Waste Codes |
|   |   |  | No.   | Type  |   |                    |                 |
|   |   | 1. Contaminated Soil   |   |   |   |                    |                 |
|   |   | DOT/RCMA Non-Regulated   | 003   | DM  | 01200   | P                  |                 |
|   |   | 2.   |   |   |   |                    |                 |
|   |   | 3.   |   |   |   |                    |                 |
|   |   | 4.   |   |   |   |                    |                 |
| 14. Special Handling Instructions and Additional Information<br><br><b>1.-/S #WPS 22332 (3x550m) T-147</b>  |   |  |   |   |   |                    |                 |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |   |  |   |   |   |                    |                 |
| Generator's/Offor's Printed/Typed Name<br><b>SCOTT PAWLKIEWICZ ON BEHALF OF L.E. CARPENTER &amp; COMPANY</b> Signature<br><i>Scott Pawlkiewicz</i> Month Day Year<br><b>04   06   10</b>  |   |  |   |   |   |                    |                 |
| INTL  | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:  |  |   |   |   |                    |                 |
|   | 17. Transporter Acknowledgment of Receipt of Materials  |  |   |   |   |                    |                 |
| TRANSPORTER   | Transporter 1 Printed/Typed Name<br><b>Eric Brown</b>   |  | Signature<br><i>Eric Brown</i>  |   | Month Day Year<br><b>04   06   10</b>               |                    |                 |
|   | Transporter 2 Printed/Typed Name<br><b>Peter G Zaryko</b>   |  | Signature<br><i>Peter G Zaryko</i>  |   | Month Day Year<br><b>04   06   10</b>               |                    |                 |
| DESIGNATED FACILITY   | 18. Discrepancy   |  |   |   |   |                    |                 |
|   | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection |  |   |   |   |                    |                 |
|   | Manifest Reference Number:  |  |   |   |   |                    |                 |
|   | 18b. Alternate Facility (or Generator)  |  |   |   |   | U.S. EPA ID Number |                 |
|   | Facility's Phone:   |  |   |   |   |                    |                 |
|   | 18c. Signature of Alternate Facility (or Generator)   |  |   |   |   | Month Day Year     |                 |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |   |  |   |   |   |                    |                 |
|   | 1. <b>H1040</b>   | 2.   | 3.  | 4.  |   |                    |                 |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |   |  |   |   |   |                    |                 |
|   | Printed/Typed Name<br><b>JAMES E. SPANLOW</b>   |  | Signature<br><i>J.E. Spanlow</i>  |   | Month Day Year<br><b>04   14   10</b>               |                    |                 |

|                                       |                      |                         |
|---------------------------------------|----------------------|-------------------------|
| Ross Incineration Services, Inc.      | Waste Product Survey | 4/14/10 Page 1          |
| 36790 Giles Road, Grafton, Ohio 44044 | (440) 748-5800       | US EPA ID# OHD048415665 |

former WPS# (if applicable) Please do not leave any blank spaces.

2. GENERATOR INFORMATION

Generator: L. E. CARPENTER CO

U.S. EPA ID #: NJD002168748

Plant Address: 170 N MAIN ST

City: WHARTON St: NJ Zp: 07885

Ship From Address: 170 N MAIN ST

City: WHARTON St: NJ Zp: 07885

Emergency #: (877)-460-1038

After hours #: (610)-264-8280

3. GENERAL INFORMATION

Waste name: CONTAMINATED SOIL

Generator code:

SIC code: RES

Waste generating process: SUPERFUND EXCAVATION OF CONTAMINATED SOIL

Primary business activity at generating facility: SUPERFUND SITE

1. WPS# 22332 N

Business contact: Chip Heister

Business title:

Mailing Address: C/O Environmental Waste Min

City: Northampton State: PA Zip: 18067

Phone: (484)-275-6900 Ext.: Cell: (

Technical contact: Chip Heister

Mailing Address: C/O Environmental Waste Min

City: Northampton State: PA Zip: 18067

Phone: (484)-275-6900 Ext.: Cell: (

Was this waste generated from a CERCLA activity: Y

Do you receive RCRA hazardous waste from another company: N

Are you the original generator: Y

Do you produce, use, or receive munitions or explosives: N

Is facility a 10 Mg Generator, per 40 CFR 61.340: N

|                    |          |          |                   |                          |
|--------------------|----------|----------|-------------------|--------------------------|
| Rate of Generation | Time     | One Time | Service Agreement | Entity                   |
| Container          | Quantity | Period   | Accum             | Y                        |
| DRUMS              | 3        | YEAR     | 3                 | ENVIRONMENTAL WASTE MIN. |
|                    |          |          |                   | Per Subpart CC,          |
|                    |          |          |                   | VOC > 500 ppm: N         |

Physical Descr: VARIOUS COLORED SOLIDS

---

4. SHIPPING CONTAINERS (must meet DOT/RCRA requirements)

|           |              |               |
|-----------|--------------|---------------|
| Drum Size | Material of  | D.O.T.        |
| Gal.      | Construction | Specification |
| 55        | STEEL/POLY   |               |

Bulk shipment:

Pallet: N Gaylord: N Hopper: N Drum: N

Overall: Length: Width: Height: Volume:

Waste: Length: Width: Height:

6. SOURCE OF INFORMATION

Method used to obtain a representative sample of the analyzed waste:

GENERATOR KNOWLEDGE

GRAB

Other:

---

7. SPECIFIC ANALYSIS OF WASTE (p=ppm)

|                  |               |                              |
|------------------|---------------|------------------------------|
| A. Organic Bound | Total         | B. Metals maximum content: Y |
| Constituents     | Concentration | Sb 25.00p Pb 25.00p          |
| Range Wt%: Y     | Range Wt%: As | 10.00p Hg .26p               |
| S .0 .1          | .0 .1         | Ba 25.00p Ni 1.00p           |
| Cl .0 .1         | .0 .1         | Be 1.00p Se 1.00p            |
| F .0 .1          | .0 .1         | Cd 20.00p Ag 25.00p          |
| Br .0 .1         | .0 .1         | Cr 25.00p Tl 25.00p          |
| I .0 .1          | .0 .1         | Cu 1.00p Zn 1.00p            |
| N .0 .1          | .0 .1         | Li 1.00p Mo 1.00p            |
| P .0 .1          | .0 .1         | Al 9.5 9.8% Si 28.6 30.3     |
|                  |               | Mg 2.3 2.4% Na 2.9 2.9       |
|                  |               | K 2.9 2.9%                   |

C. Does the waste contain: K 2.9 2.9%

PCBs: Y 1-49 ppm

Asbestos: N Is this waste TSCA regulated: N

Insecticides, pesticides, herbicides, rodenticides: N

|      |                     |
|------|---------------------|
| Name | Concentration ppm/% |
|------|---------------------|

Dioxin: N Detection Limit: .000 %

Total available cyanides >250 ppm: N

Amenable cyanide: N Concentration: .000 %

Total available sulfides >500 ppm: N

Radioactivity above background: N

Infectious waste: N

5. CHEMICAL COMPOSITION

Components including but not limited to 40 CFR 261 Subpart B, C & D

|                                     |             |      |
|-------------------------------------|-------------|------|
| Chemical Components                 | Range Wt%   | PPM  |
| CONTAMINATED SOIL:                  | 95.00 98.00 | .00  |
| PAINT CONSISTING OF:                | 2.00 5.00   | .00  |
| NON-HALOGENATED SOLVENTS: (XYLENE,  | .00 .00     | .00  |
| TOLUENE, BIS(2-ETHYLHEXYL) PHTH-    | .00 .00     | .00  |
| ALATE, 1,3,5-TRIMETHYL BENZENE,     | .00 .00     | .00  |
| ETHYL BENZENE, NAPHTHALENE)         | .00 .00     | .00  |
| 60-90%                              | .00 .00     | .00  |
| PIGMENTS/FILLERS: (TITANIUM DI-     | .00 .00     | .00  |
| OXIDE, CARBON BLACK, SILICA,        | .00 .00     | .00  |
| TALC) 10-40%                        | .00 .00     | .00  |
| RESINS: (ALKYD, URETHANES) 10-40%   | .00 .00     | .00  |
| CHLORINATED COMPOUNDS: (CHLORO BEN- | .00 .00     | .00  |
| ZENE, 1,2-DICHLOROETHANE) 0-5%      | .00 .00     | .00  |
| AROCLOR 1254 (PCB)                  | .00 .00     | 2.10 |
| ELEMENTAL MERCURY                   | .00 .00     | .26  |

TOTAL >= 100%

36790 Giles Road, Grafton, Ohio 44044

(440) 748-5800

US EPA ID# OHD048415665

former WPS# (if applicable)

Please do not leave any blank spaces.

1. WPS# 22332 N

## 8. PHYSICAL PROPERTIES

Physical state 70° F: Solid

Toxicity (Using HMIS System): 2

Eye: Y

Viscosity at 70° F:

Dusting Hazard? N

Inhalation: Y

\*\*\*\*\* CPS Range \*\*\*\*\*

Dermal: Y

From To Fixed Description

Ingestion: Y

0 0 0 SOLID

Other: N

Is material pumpable at 70° F (&lt;2,000 cP)? N Describe:

Carcinogen: N

Attach supporting data, including detection limit

Is material multi-layered? N Describe:

## 10. EPA AND DOT INFORMATION

Description of Layer

From To Fixed

1. (Top)

0 0 0

A. Is this waste hazardous as defined in 40 CFR: N

Part 261 (OAC) 3745-51?

2.

0 0 0

B. EPA Haz. Waste No.(s) / Reason for Selection

3.

0 0 0

Dissolved solids: 0 %WT Suspended solids: 0 %WT

BTU/lb.: 0 to 12000 Ash content: 81 %WT

Flash pt: N/A °F Vap pr: N/A 70°F

Specific gravity: 1.500 to 2.500 pH: N/A

Corrosivity MPY: &lt;30

Colors: VARIOUS

Odorous? Y MILD

C. State Haz. Waste No.(s) / Reason for Selection

## 9. REACTIVITY AND STABILITY

A. Reactivity group number(s): 101

D. DOT Description:

B. Is material stable? Y (If unstable i.e., polymerization with age, water/air reactive please explain below)

D.O.T. NON-REGULATED MATERIAL, \*\*ALT DOT BY ID: UN3077  
\*\*

C. Sensitive: Shock? N Heat? N Friction? N

D. Is this waste stream reactive as defined by DOT? N

## 11. LAND DISPOSAL RESTRICTIONS

DOT "Poison inhalation hazard?" N

A. Have treatment standards/methods been established? N

Container label(s): Placard(s):

If yes, refer to 40CFR 268.40 for the Universal Treatment Standards

NONE NONE

B. Wastewater: N Non-wastewater: Y

C. Is this waste a lab pack (Y) / loose pack (L)? N

## COMMENTS:

THIS WASTE IS NOT SHOCK OR FRICTION SENSITIVE,  
SPONTANEOUSLY COMBUSTIBLE, PYROPHORIC OR EXPLOSIVE.  
CONTAINERS ARE SAFE FOR RIS TO OPEN, INSPECT AND SAMPLE  
NO METAL PLATES, PIPES, PUMPS, REBAR PRESENT IN DRUM.

## 12. ACCOUNTABILITY STATEMENT

I hereby certify that I have personally examined and am familiar with the information submitted in this and all attached documents. Based on my inquiry of those individuals immediately responsible for obtaining the information, the submitted information is true, accurate and complete and all known and suspected hazards have been disclosed.

Authorized Signature

Date

Nicholas J. Clevett on behalf of L.E. Carpenter &amp; Company

Senior Client Service Manager

Print Name

Print Title

**LANDMARK**

February 16, 2010

Re: Soil Certification Letter at 20 Lanadex Plaza, Parsippany, NJ 07054-Stockpile of Material

Dear Mr. Cordasco:

On January 28<sup>th</sup>, 2010 I went on site at the above referenced property and performed soil sampling of approximately 9,000 yards of stockpile material. The soil was sampled using sanitized instruments and was placed in three eight ounce sterile jars. All work activities were conducted in accordance with all local, state and federal regulations. The sample being collected is typical for disposal of between 500 and 800 yards of material. The soil came back below all NYSDEC TAGM unrestricted reuse and NJSCC Residential reuse parameters and can be considered clean material, please see attached analytical results.

Upon review should you have any questions please feel free to contact me at ( ) 967-2484. Thank you for the opportunity to submit this proposal and we look forward to working with you on this project.

Sincerely,  
**Landmark Consultants Corp.**

Andrew L. Gasparro  
President

cc: file: 09-1678



# Fax

**Soil-Tec LLC**  
12 Taylor Road  
Wharton, NJ 07885-1502  
Phone: 973-891-1795  
Fax: 973-891-1797  
soiltec@optonline.net

**To:** Don **From:** Don Schuyler  
**Attn:** Don **Pages:** including cover  
**Fax:** **Date:** November 17, 2009  
**Phone:** 973 202-3577 **Re:** \_\_\_\_\_

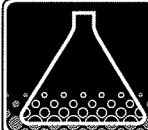
☐ Urgent    ☒ Attached    ☐ Please Comment    ☐ Please Reply    ☐ For information

• **Comments:**

| Contaminant                           | Unrestricted<br>Re-Use | Lanadex<br>Plaza |
|---------------------------------------|------------------------|------------------|
| Units                                 | mg/kg                  | mg/kg            |
| <b>Semivolatile Organic Compounds</b> |                        |                  |
| Chrysene                              | 1                      | N/D              |
| Dibenz(a,h)anthracene                 | 0.33                   | N/D              |
| Fluoranthene                          | 100                    | N/D              |
| Fluorene                              | 30                     | N/D              |
| Indeno(1,2,3-cd)pyrene                | 0.5                    | N/D              |
| m-Cresol                              | 0.33                   | N/D              |
| Naphthalene                           | 12                     | N/D              |
| o-Cresol                              | 0.33                   | N/D              |
| p-Cresol                              | 0.33                   | N/D              |
| Pentachlorophenol                     | 0.8                    | N/D              |
| Phenanthrene                          | 100                    | N/D              |
| Phenol                                | 0.33                   | N/D              |
| Pyrene                                | 100                    | N/D              |
| <b>Volatile Organic Compounds</b>     |                        |                  |
| 1,1,1-Trichloroethane                 | 0.68                   | N/D              |
| 1,1-Dichloroethane                    | 0.27                   | N/D              |
| 1,1-Dichloroethene                    | 0.33                   | N/D              |
| 1,2-Dichlorobenzene                   | 1.1                    | N/D              |
| 1,2-Dichloroethane                    | 0.02                   | N/D              |
| cis-1,2-Dichloroethene                | 0.25                   | N/D              |
| trans-1,2-Dichloroethene              | 0.19                   | N/D              |
| 1,3-Dichlorobenzene                   | 2.4                    | N/D              |
| 1,4-Dichlorobenzene                   | 1.8                    | N/D              |
| 1,4-Dioxane                           | 0.1                    | N/D              |
| Acetone                               | 0.05                   | N/D              |
| Benzene                               | 0.06                   | N/D              |
| n-Butylbenzene                        | 12                     | N/D              |
| Carbon tetrachloride                  | 0.76                   | N/D              |
| Chlorobenzene                         | 1.1                    | N/D              |
| Chloroform                            | 0.37                   | N/D              |
| Ethylbenzene                          | 1                      | N/D              |
| Hexachlorobenzene                     | 0.33                   | N/D              |
| Methyl ethylketone                    | 0.12                   | N/D              |
| Methyl tert-butyl ether               | 0.93                   | N/D              |
| Methylene chloride                    | 0.05                   | N/D              |
| n-Propylbenzene                       | 3.9                    | N/D              |
| sec-Butylbenzene                      | 11                     | N/D              |
| tert-Butylbenzene                     | 5.9                    | N/D              |
| Tetrachloroethene                     | 1.3                    | N/D              |
| Toluene                               | 0.7                    | N/D              |
| Trichloroethene                       | 0.47                   | N/D              |
| 1,2,4-Trimethylbenzene                | 3.6                    | N/D              |
| 1,2,5-Trimethylbenzene                | 8.4                    | N/D              |
| Vinyl chloride                        | 0.02                   | N/D              |
| Xylene (mixed)                        | 0.26                   | N/D              |

**NYSDEC TAGM Soil Clean Up Objectives**

| Contaminant                           | Unrestricted<br>Re-Use | Lanadex<br>Plaza |
|---------------------------------------|------------------------|------------------|
| Units                                 | mg/kg                  | mg/kg            |
| <b>Metals</b>                         |                        |                  |
| Arsenic                               | 13                     | 1.1              |
| Barium                                | 350                    | 47.6             |
| Beryllium                             | 7.2                    | 0.67             |
| Cadmium                               | 2.5                    | 0.39             |
| Chromium Hexavalent                   | 1                      | n/a              |
| Chromium                              | 30                     | 21.5             |
| copper                                | 50                     | 33.2             |
| Total Cyanide                         | 27                     | 0.51             |
| Lead                                  | 63                     | 8.87             |
| Manganeses                            | 1600                   | 691              |
| Total Mercury                         | 0.18                   | <.07             |
| Nickel                                | 30                     | 18.9             |
| Selenium                              | 3.9                    | <1.6             |
| silver                                | 2                      | <.39             |
| Zinc                                  | 109                    | 46.3             |
| <b>PCB's/Pesticides</b>               |                        |                  |
| 2,4,5-TP Acid (Silvex)                | 3.8                    | N/D              |
| 4,4'-DDE                              | 0.0033                 | N/D              |
| 4,4'-DDT                              | 0.0033                 | N/D              |
| 4,4'-DDD                              | 0.0033                 | N/D              |
| Aldrin                                | 0.005                  | N/D              |
| alpha-BHC                             | 0.02                   | N/D              |
| beta-BHC                              | 0.036                  | N/D              |
| Chlordane (alpha)                     | 0.0947                 | N/D              |
| delta-BHC                             | 0.04                   | N/D              |
| Dibenzofuran                          | 7                      | N/D              |
| Dieldrin                              | 0.005                  | N/D              |
| Endosulfan I                          | 2.4                    | N/D              |
| Endosulfan II                         | 2.4                    | N/D              |
| Endosulfan Sulfate                    | 2.4                    | N/D              |
| Endrin                                | 0.014                  | N/D              |
| Heptachlor                            | 0.042                  | N/D              |
| Lindane                               | 0.01                   | N/D              |
| Polychlorinated Biphenyls             | 0.01                   | N/D              |
| <b>Semivolatile Organic Compounds</b> |                        |                  |
| Acenaphthene                          | 20                     | N/D              |
| Acenaphthylene                        | 100                    | N/D              |
| Antracene                             | 100                    | N/D              |
| Benz(a)anthracene                     | 1                      | N/D              |
| Benzo(a)pyrene                        | 1                      | N/D              |
| Benzo(b)fluoranthene                  | 1                      | N/D              |
| Benzo(g,h,i)pyrene                    | 100                    | N/D              |
| Benzo(k)fluoranthene                  | 0.08                   | N/D              |



# Accredited Analytical Resources, LLC

August 20, 2009

Randy Staley  
Nick Porchetta Contracting  
201 Wilton Avenue  
Middlesex, NJ 08846

Dear Randy:

Re: Stockpile @ Riverdale  
AAR Case #3544

This confirms, that to the best of our knowledge, for the parameters tested, the soil analyses pass for New Jersey Residential Soil Cleanup Criteria based on the list last revised 6/2/2008.

Except for the parameters tested AAR, LLC makes no representation as to the quality of the soil samples.

If you have any questions or need further assistance, please call Willie Urbiztondo at 732-969-6112, ext. 109.

Sincerely,

Daniel Miguel  
Technical Director

WU:ki

20 PERSHING AVENUE  
CARTERET, NEW JERSEY 07008  
PHONE (732) 969-6112 FAX (732) 541-1383  
[accreditedanalytical.com](http://accreditedanalytical.com)

|  |                       |
|--|-----------------------|
| STATE AGENCY <u>NJ</u> NY PA CT DE OTHER _____ |                       |
| PROJECT  | Stockpile @ Riverdale |
| CONTACT  | Randy Staley          |
| PHONE  | 732-926-8919          |
| FAX  | 732-926-8917          |
| E-MAIL   |                       |

|         |                           |     |       |
|---------|---------------------------|-----|-------|
| CLIENT  | Nick Porcetta Contracting |     |       |
| ADDRESS | 201 Wilton Ave.           |     |       |
| CITY    | Middlesex                 |     |       |
| STATE   | NJ                        | ZIP | 08846 |

| LABORATORY<br>SAMPLE # | CLIENT FIELD ID | # OF CONTAINERS | MATRIX | PRESEPARATIVE | DATE / TIME SAMPLED | SAMPLE DESCRIPTION |           |       | ANALYSIS                        |
|------------------------|-----------------|-----------------|--------|---------------|---------------------|--------------------|-----------|-------|---------------------------------|
|                        |                 |                 |        |               |                     | GRAB               | COMPOSITE | DEPTH |                                 |
|                        | RVR-1           | 1               | S      |               | 8/14/09<br>9:45     | /                  |           | 14"   |                                 |
|                        | RVR-2           | 1               | S      |               | 9:50                | /                  |           | "     |                                 |
| 0906016                | RVR-3           | 3               | S      | 7             | 10:15               | /                  |           | 2'    | NJScc VO                        |
|                        | RVR-4           | 1               | S      |               | 10:20               | /                  |           | "     |                                 |
|                        | RVR-5           | 1               | S      |               | 10:23               | /                  |           | 2'    |                                 |
| 0906017                | RVR comp        | 1               |        |               |                     |                    | S-1       |       | Fuel NJScc w/o<br>VO (new test) |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |
|                        |                 |                 |        |               |                     |                    |           |       |                                 |

\*\* M = MATRIX CODE      S=SOIL G=SLUDGE O=OIL F=FILTER K=SOLID X=OTHER  
GW=GROUND WATER WW=WASTE WATER SW=SURFACE WATER P=POTABLE WATER

TURNAROUND TIME 72 hrs. F A T (IF BLANK, STD. 3 WEEKS)

RECEIVED W/ ICE? YES ☒ NO ☐ TEMPERATURE: 40

|                                    |     |                   |         |                      |              |
|------------------------------------|-----|-------------------|---------|----------------------|--------------|
| QA/QC DELIVERABLES<br>(circle one) | STD | <u>NJ REDUCED</u> | NJ FULL | OTHER : NYASP Cat. A | NYASP Cat. B |
|------------------------------------|-----|-------------------|---------|----------------------|--------------|

PRESERVATIVE CODE: 1=HCL 2=HNO<sub>3</sub> 3=H<sub>2</sub>SO<sub>4</sub> 4=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 5=NaOH 6=MeOH 7=OTHER

| RELINQUISHED BY: |                    | RECEIVED BY: |                    | ORGANIZATION | DATE | TIME | REASON   |
|------------------|--------------------|--------------|--------------------|--------------|------|------|----------|
| PRINT            | SIGN               | PRINT        | SIGN               |              |      |      |          |
| A. REINERA       | <i>[Signature]</i> | J. LAYAN     | <i>[Signature]</i> | AAR          | 8/14 | 1130 | ANALYSIS |
|                  |                    |              |                    |              |      |      |          |
|                  |                    |              |                    |              |      |      |          |

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: W. M. Chiswick SIGN: [Signature]

|          |                           |             |      |
|----------|---------------------------|-------------|------|
|          | Composite @ equal weights | AAR QUOTE # |      |
| COMMENTS |                           | AAR CASE #  | 3544 |
|          |                           | P.O. #      |      |

**ACCREDITED ANALYTICAL RESOURCES, LLC  
VOLATILE ORGANICS ANALYSIS DATA SHEET**

**Client Name:** NPC  
**Case No.:** 3544  
**Project:** Stockpile@ Riverdale

**CLIENT SAMPLE NO**  
**RVR-3**

**Matrix: (soil/water)** SOIL  
**Sample wt/vol:** 5 **Unit:** G  
**Level: (low/med)** LOW  
**% Moisture:** 9  
**GC Column:** Rtx-624 **ID:** 0.25 (mm)  
**Soil Extract Volume:** 1 (µL)

**Lab Sample ID:** 0906016  
**Lab File ID:** A5147.D  
**Date Collected:** 08/14/2009  
**Date Analyzed:** 08/19/2009  
**Dilution Factor:** 1  
**Soil Aliquot Vol(µL):** 1

| CAS NO.    | COMPOUND                    | CONC<br>UG/KG | Q | MDL | PQL |
|------------|-----------------------------|---------------|---|-----|-----|
| 107-02-8   | Acrolein                    | ND            | U | 6.6 | 11  |
| 107-13-1   | Acrylonitrile               | ND            | U | 2.2 | 11  |
| 67-64-1    | Acetone                     | 5.6           | B | 1.1 | 2.2 |
| 75-71-8    | Dichlorodifluoromethane     | ND            | U | 1.1 | 2.2 |
| 74-87-3    | Chloromethane               | ND            | U | 1.1 | 2.2 |
| 67-64-1    | Vinyl Chloride              | ND            | U | 1.1 | 2.2 |
| 74-83-9    | Bromomethane                | ND            | U | 1.1 | 2.2 |
| 75-00-3    | Chloroethane                | ND            | U | 1.1 | 2.2 |
| 75-69-4    | Trichlorofluoromethane      | ND            | U | 1.1 | 2.2 |
| 75-35-4    | 1,1-Dichloroethene          | ND            | U | 1.1 | 2.2 |
| 75-15-0    | Carbon disulfide            | ND            | U | 1.1 | 2.2 |
| 75-09-2    | Methylene Chloride          | 11            | B | 1.1 | 2.2 |
| 156-60-5   | trans-1,2-Dichloroethene    | ND            | U | 1.1 | 2.2 |
| 75-34-3    | 1,1-Dichloroethane          | ND            | U | 1.1 | 2.2 |
| 789-33-3   | 2-Butanone                  | ND            | U | 1.1 | 2.2 |
| 156-59-2   | cis-1,2-Dichloroethene      | ND            | U | 1.1 | 2.2 |
| 67-66-3    | Chloroform                  | ND            | U | 1.1 | 2.2 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND            | U | 1.1 | 2.2 |
| 75-65-0    | T-butyl alcohol             | ND            | U | 1.1 | 2.2 |
| 56-23-5    | Carbon Tetrachloride        | ND            | U | 1.1 | 2.2 |
| 107-06-2   | 1,2-Dichloroethane          | ND            | U | 1.1 | 2.2 |
| 71-43-2    | Benzene                     | ND            | U | 1.1 | 2.2 |
| 79-01-6    | Trichloroethene             | ND            | U | 1.1 | 2.2 |
| 78-87-5    | 1,2-Dichloropropane         | ND            | U | 1.1 | 2.2 |
| 75-27-4    | Bromodichloromethane        | ND            | U | 1.1 | 2.2 |
| 10061-01-5 | cis-1,3-dichloropropene     | ND            | U | 1.1 | 2.2 |
| 108-88-3   | Toluene                     | ND            | U | 1.1 | 2.2 |
| 10061-02-6 | trans-1,3-Dichloropropene   | ND            | U | 1.1 | 2.2 |
| 79-00-5    | 1,1,2-Trichloroethane       | ND            | U | 1.1 | 2.2 |
| 108-10-1   | 4-Methyl-2-pentanone        | ND            | U | 1.1 | 2.2 |
| 106-93-4   | 1,2-Dibromoethane           | ND            | U | 1.1 | 2.2 |
| 127-18-4   | Tetrachloroethene           | ND            | U | 1.1 | 2.2 |
| 124-48-1   | Dibromochloromethane        | ND            | U | 1.1 | 2.2 |
| 100-41-4   | Ethylbenzene                | ND            | U | 1.1 | 2.2 |
| 108-90-7   | Chlorobenzene               | ND            | U | 1.1 | 2.2 |
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND            | U | 1.1 | 2.2 |
| 1330-20-7  | m,p-Xylene                  | ND            | U | 1.1 | 4.4 |
| 95-47-6    | o-Xylene                    | ND            | U | 1.1 | 4.4 |
| 100-42-5   | Styrene                     | ND            | U | 1.1 | 4.4 |
| 75-25-2    | Bromoform                   | ND            | U | 1.1 | 2.2 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND            | U | 1.1 | 2.2 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | ND            | U | 1.1 | 2.2 |

**ACCREDITED ANALYTICAL RESOURCES, LLC  
VOLATILE ORGANICS ANALYSIS DATA SHEET**

Client Name: NPC  
Case No.: 3544  
Project: Stockpile@ Riverdale

**CLIENT SAMPLE NO**  
**RVR-3**

Matrix: (soil/water) SOIL  
Sample wt/vol: 5 Unit: G  
Level: (low/med) LOW  
% Moisture: 9  
GC Column: Rtx-624 ID: 0.25 (mm)  
Soil Extract Volume: 1 (μL)

Lab Sample ID: 0906016  
Lab File ID: A5147.D  
Date Collected: 08/14/2009  
Date Analyzed: 08/19/2009  
Dilution Factor: 1  
Soil Aliquot Vol(μL): 1

| CAS NO.   | COMPOUND               | CONC<br>UG/KG | Q | MDL | PQL |
|-----------|------------------------|---------------|---|-----|-----|
| 120-82-1  | 1,2,4-Trichlorobenzene | ND            | U | 1.1 | 2.2 |
| 87-68-3   | Hexachlorobutadiene    | ND            | U | 1.1 | 2.2 |
| 91-20-3   | Naphthalene            | ND            | U | 1.1 | 2.2 |
| 1634-04-4 | Methyl t-butyl ether   | ND            | U | 1.1 | 4.4 |

J - Indicates estimated value when detected below PQL.

U - Indicates compound analyzed for but not detected.

D - Indicates result is based on a dilution.

B - Indicates compound found in associated blank.

E - Concentration exceeds highest calibration standard.

MDL - Minimum Detection Limit.

PQL - Practical Quantitation Level.

**ACCREDITED ANALYTICAL RESOURCES, LLC  
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET**

**Client Name:** NPC  
**Case No.:** 3544  
**Project:** Stockpile @ Riverdale

**CLIENT SAMPLE NO**  
**RVR COMP**

**Matrix: (soil/water)** SOIL  
**Sample wt/vol:** 30 **Unit:** G  
**Level: (low/med)** LOW  
**% Moisture:** 11.3  
**Concentrated Extract Volume:** 1000 (μL)  
**GPC Cleanup: (Y/N)** N

**Lab Sample ID:** 0906017  
**Lab File ID:** F5434.D  
**Date Collected:** 08/14/2009  
**Date Extracted:** 08/17/2009  
**Date Analyzed:** 08/18/2009  
**Dilution Factor:** 1  
**Extraction: (Type)**

| CAS NO.  | COMPOUND                    | CONC<br>UG/KG | Q | MDL | PQL |
|----------|-----------------------------|---------------|---|-----|-----|
| 62-75-9  | N-Nitrosodimethylamine      | ND            | U | 38  | 190 |
| 108-95-2 | Phenol                      | ND            | U | 38  | 190 |
| 111-44-4 | bis(2-Chloroethyl)ether     | ND            | U | 38  | 190 |
| 95-57-8  | 2-Chlorophenol              | ND            | U | 38  | 190 |
| 541-73-1 | 1,3-Dichlorobenzene         | ND            | U | 38  | 190 |
| 106-46-7 | 1,4-Dichlorobenzene         | ND            | U | 38  | 190 |
| 100-51-6 | Benzyl alcohol              | ND            | U | 38  | 190 |
| 95-50-1  | 1,2-Dichlorobenzene         | ND            | U | 38  | 190 |
| 95-48-7  | 2-Methylphenol              | ND            | U | 38  | 190 |
| 108-60-1 | bis(2-chloroisopropyl)ether | ND            | U | 38  | 190 |
| 106-44-5 | 3&4-Methylphenol            | ND            | U | 38  | 190 |
| 621-64-7 | N-Nitroso-di-n-propylamine  | ND            | U | 38  | 190 |
| 67-72-1  | Hexachloroethane            | ND            | U | 38  | 190 |
| 98-95-3  | Nitrobenzene                | ND            | U | 38  | 190 |
| 78-59-1  | Isophorone                  | ND            | U | 38  | 190 |
| 88-75-5  | 2-Nitrophenol               | ND            | U | 38  | 190 |
| 105-67-9 | 2,4-Dimethylphenol          | ND            | U | 38  | 190 |
| 65-85-0  | Benzoic Acid                | ND            | U | 94  | 190 |
| 111-91-1 | bis(2-Chloroethoxy)methane  | ND            | U | 38  | 190 |
| 120-83-2 | 2,4-Dichlorophenol          | ND            | U | 38  | 190 |
| 120-82-1 | 1,2,4-Trichlorobenzene      | ND            | U | 38  | 190 |
| 91-20-3  | Naphthalene                 | ND            | U | 38  | 190 |
| 106-47-8 | 4-Chloroaniline             | ND            | U | 38  | 190 |
| 87-68-3  | Hexachlorobutadiene         | ND            | U | 38  | 190 |
| 59-50-7  | 4-Chloro-3-methylphenol     | ND            | U | 38  | 190 |
| 91-57-6  | 2-Methylnaphthalene         | ND            | U | 38  | 190 |
| 77-47-4  | Hexachlorocyclopentadiene   | ND            | U | 38  | 190 |
| 88-06-2  | 2,4,6-Trichlorophenol       | ND            | U | 38  | 190 |
| 95-95-4  | 2,4,5-Trichlorophenol       | ND            | U | 38  | 190 |
| 91-58-7  | 2-Chloronaphthalene         | ND            | U | 38  | 190 |
| 88-74-4  | 2-Nitroaniline              | ND            | U | 38  | 190 |
| 131-11-3 | Dimethylphthalate           | ND            | U | 38  | 190 |
| 208-96-8 | Acenaphthylene              | ND            | U | 38  | 190 |
| 99-09-2  | 3-Nitroaniline              | ND            | U | 38  | 190 |
| 83-32-9  | Acenaphthene                | ND            | U | 38  | 190 |
| 51-28-5  | 2,4-Dinitrophenol           | ND            | U | 38  | 380 |
| 100-02-7 | 4-Nitrophenol               | ND            | U | 38  | 190 |
| 132-64-9 | Dibenzofuran                | ND            | U | 38  | 190 |
| 606-20-2 | 2,6-Dinitrotoluene          | ND            | U | 38  | 190 |
| 121-14-2 | 2,4-Dinitrotoluene          | ND            | U | 38  | 190 |
| 84-66-2  | Diethylphthalate            | ND            | U | 38  | 190 |



**ACCREDITED ANALYTICAL RESOURCES, LLC  
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET**

**Client Name:** NPC  
**Case No.:** 3544  
**Project:** Stockpile @ Riverdale

**CLIENT SAMPLE NO**  
**RVR COMP**

**Matrix: (soil/water)** SOIL  
**Sample wt/vol:** 30 **Unit:** G  
**Level: (low/med)** LOW  
**% Moisture:** 11.3  
**Concentrated Extract Volume:** 1000 (µL)  
**GPC Cleanup: (Y/N)** N

**Lab Sample ID:** 0906017  
**Lab File ID:** F5434.D  
**Date Collected:** 08/14/2009  
**Date Extracted:** 08/17/2009  
**Date Analyzed:** 08/18/2009  
**Dilution Factor:** 1  
**Extraction: (Type)**

| CAS NO.   | COMPOUND                   | CONC<br>UG/KG | Q | MDL | PQL |
|-----------|----------------------------|---------------|---|-----|-----|
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND            | U | 38  | 190 |
| 86-73-7   | Fluorene                   | ND            | U | 38  | 190 |
| 100-01-6  | 4-Nitroaniline             | ND            | U | 38  | 190 |
| 534-52-1  | 4,6-Dinitro-2-methylphenol | ND            | U | 38  | 190 |
| 86-30-6   | n-Nitrosodiphenylamine     | ND            | U | 38  | 190 |
| 122-66-7  | 1,2-Diphenylhydrazine      | ND            | U | 38  | 190 |
| 101-55-3  | 4-Bromophenyl-phenylether  | ND            | U | 38  | 190 |
| 118-74-1  | Hexachlorobenzene          | ND            | U | 38  | 190 |
| 87-86-5   | Pentachlorophenol          | ND            | U | 38  | 190 |
| 85-01-8   | Phenanthrene               | 51            | J | 38  | 190 |
| 120-12-7  | Anthracene                 | ND            | U | 38  | 190 |
| 84-74-2   | Di-n-butylphthalate        | ND            | U | 38  | 190 |
| 206-44-0  | Fluoranthene               | 83            | J | 38  | 190 |
| 92-87-5   | Benzidine                  | ND            | U | 94  | 190 |
| 129-00-0  | Pyrene                     | 180           | J | 38  | 190 |
| 85-68-7   | Butylbenzylphthalate       | ND            | U | 38  | 190 |
| 91-94-1   | 3,3'-Dichlorobenzidine     | ND            | U | 94  | 190 |
| 56-55-3   | Benzo[a]anthracene         | 53            | J | 38  | 190 |
| 117-81-7  | bis(2-Ethylhexyl)phthalate | ND            | U | 38  | 190 |
| 218-01-9  | Chrysene                   | 74            | J | 38  | 190 |
| 117-84-0  | Di-n-octylphthalate        | ND            | U | 38  | 190 |
| 205-99-2  | Benzo[b]fluoranthene       | 45            | J | 38  | 190 |
| 207-08-9  | Benzo[k]fluoranthene       | 50            | J | 38  | 190 |
| 50-32-8   | Benzo[a]pyrene             | 54            | J | 38  | 190 |
| 193-39-5  | Indeno[1,2,3-cd]pyrene     | ND            | U | 38  | 190 |
| 53-70-3   | Dibenz[a,h]anthracene      | ND            | U | 38  | 190 |
| 191-24-2  | Benzo[g,h,i]perylene       | ND            | U | 38  | 190 |

J - Indicates estimated value when detected below PQL.  
U - Indicates compound analyzed for but not detected.  
D - Indicates result is based on a dilution.  
B - Indicates compound found in associated blank.  
E - Concentration exceeds highest calibration standard.  
MDL - Minimum Detection Limit.  
PQL - Practical Quantitation Level.

**ACCREDITED ANALYTICAL RESOURCES, LLC  
PESTICIDE/PCB ANALYSIS DATA SHEET**

**Client Name:** NPC  
**Case No.:** 3544  
**Project:** Stockpile @ Riverdale

**CLIENT SAMPLE NO**  
**RVR COMP**

**Matrix: (soil/water)** SOIL  
**Sample wt/vol:** 30 **Unit:** G  
**Level: (low/med)** LOW  
**% Moisture:** 11.3  
**Extraction: (Type)** SONC  
**Concentrated Extract Volume:** 10000 (µL)

**Lab Sample ID:** 0906017  
**Lab File ID:** G1865.D  
**Date Collected:** 08/14/2009  
**Date Extracted:** 08/15/2009  
**Date Analyzed:** 08/17/2009  
**Dilution Factor:** 1  
**Sulfur Cleanup: (Y/N)** N

**GPC Cleanup: (Y/N)** N

| CAS NO.    | COMPOUND            | CONC<br>UG/KG | Q | MDL   | PQL   |
|------------|---------------------|---------------|---|-------|-------|
| 319-84-6   | alpha-BHC           | ND            | U | 0.752 | 0.752 |
| 58-89-9    | gamma-BHC (Lindane) | ND            | U | 0.752 | 0.752 |
| 76-44-8    | Heptachlor          | ND            | U | 0.752 | 0.752 |
| 309-00-2   | Aldrin              | ND            | U | 0.752 | 0.752 |
| 319-85-7   | beta-BHC            | ND            | U | 0.752 | 0.752 |
| 319-86-8   | delta-BHC           | ND            | U | 0.752 | 0.752 |
| 1024-57-3  | Heptachlor Epoxide  | ND            | U | 0.752 | 0.752 |
| 959-98-8   | Endosulfan I        | ND            | U | 0.752 | 0.752 |
| 5103-74-2  | gamma-Chlordane     | 14.1          |   | 0.752 | 0.752 |
| 5103-71-9  | alpha-Chlordane     | 13.8          |   | 0.752 | 0.752 |
| 72-55-9    | 4,4'-DDE            | ND            | U | 1.5   | 1.5   |
| 60-57-1    | Dieldrin            | 1.6           | P | 1.5   | 1.5   |
| 72-20-8    | Endrin              | ND            | U | 1.5   | 1.5   |
| 33213-65-9 | Endosulfan II       | ND            | U | 1.5   | 1.5   |
| 72-54-8    | 4,4'-DDD            | ND            | U | 1.5   | 1.5   |
| 50-29-3    | 4,4'-DDT            | ND            | U | 1.5   | 1.5   |
| 7421-36-3  | Endrin Aldehyde     | ND            | U | 1.5   | 1.5   |
| 1031-07-8  | Endosulfan Sulfate  | ND            | U | 1.5   | 1.5   |
| 72-43-5    | Methoxychlor        | ND            | U | 7.52  | 7.52  |
| 53494-70-5 | Endrin Ketone       | ND            | U | 1.5   | 1.5   |
| 8001-35-2  | Toxaphene           | ND            | U | 37.6  | 37.6  |
| 12674-11-2 | Aroclor-1016        | ND            | U | 18.8  | 37.6  |
| 11104-28-2 | Aroclor-1221        | ND            | U | 18.8  | 37.6  |
| 11141-16-5 | Aroclor-1232        | ND            | U | 18.8  | 37.6  |
| 53469-21-9 | Aroclor-1242        | ND            | U | 18.8  | 37.6  |
| 12672-29-6 | Aroclor-1248        | ND            | U | 18.8  | 37.6  |
| 11097-69-1 | Aroclor-1254        | ND            | U | 18.8  | 37.6  |
| 11096-82-5 | Aroclor-1260        | ND            | U | 18.8  | 37.6  |

J - Indicates estimated value when detected below PQL.  
U - Indicates compound analyzed for but not detected.  
D - Indicates result is based on a dilution.  
B - Indicates compound found in associated blank.  
E - Concentration exceeds highest calibration standard.  
P - Greater than 25% difference for detected concentrations between the two GC columns.  
MDL - Minimum Detection Limit.  
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC  
INORGANIC ANALYSIS DATA SHEET

Case #: 3544  
Sample #: 0906017  
Field ID: RVR COMP  
Client Name: NPC

Matrix: Soil  
Date Received: 08/14/09

| CAS No.   | Element   | Result<br>MG/KG | MDL<br>MG/KG | Dilution<br>Factor | Method | Date<br>Analyzed |
|-----------|-----------|-----------------|--------------|--------------------|--------|------------------|
| 7429-90-5 | Aluminum  | 7430            | 14.1         | 1                  | P      | 08/17/09         |
| 7440-36-0 | Antimony  | ND              | 1.69         | 1                  | P      | 08/17/09         |
| 7440-38-2 | Arsenic   | 2.66            | 1.13         | 1                  | P      | 08/17/09         |
| 7440-39-3 | Barium    | 44.3            | .846         | 1                  | P      | 08/17/09         |
| 7440-41-7 | Beryllium | .676            | .282         | 1                  | P      | 08/17/09         |
| 7440-43-9 | Cadmium   | ND              | .282         | 1                  | P      | 08/17/09         |
| 7440-47-3 | Chromium  | 12.1            | .564         | 1                  | P      | 08/17/09         |
| 7440-48-4 | Cobalt    | 5.98            | .564         | 1                  | P      | 08/17/09         |
| 7440-50-8 | Copper    | 16.2            | .564         | 1                  | P      | 08/17/09         |
| 7439-92-1 | Lead      | 20.5            | 2.82         | 1                  | P      | 08/17/09         |
| 7439-96-5 | Manganese | 516             | .564         | 1                  | P      | 08/17/09         |
| 7439-97-6 | Mercury   | ND              | .225         | 1                  | CV     | 08/14/09         |
| 7440-02-0 | Nickel    | 9.86            | .564         | 1                  | P      | 08/17/09         |
| 7782-49-2 | Selenium  | ND              | 1.13         | 1                  | P      | 08/17/09         |
| 7440-22-4 | Silver    | ND              | .282         | 1                  | P      | 08/17/09         |
| 7440-28-0 | Thallium  | ND              | 1.13         | 1                  | P      | 08/17/09         |
| 7440-62-2 | Vanadium  | 23.4            | .846         | 1                  | P      | 08/17/09         |
| 7440-66-6 | Zinc      | 36.5            | 5.64         | 1                  | P      | 08/17/09         |

Percent Solid of 88.7 is used for all target elements

ND - Element analyzed for but not detected.

P - Analyzed by ICP                      CV - Analyzed by Cold Vapor  
F - Analyzed by GFA                      A - Analyzed by flame AA

Accredited Analytical Resources, LLC  
General Chemistry Analysis Data

Case #: 3544  
Sample #: 0906017  
Client Name: NPC  
Field Number: RVR COMP

Matrix: Soil  
Date Received: 08/14/09  
% Moisture: 11.3

| ANALYTES        | RESULTS | MDL  | UNITS | DILUTION<br>FACTOR | METHOD BLANK |      | ANALYSIS<br>DATE |
|-----------------|---------|------|-------|--------------------|--------------|------|------------------|
|                 |         |      |       |                    | RESULTS      | MDL  |                  |
| Solids, Percent | 88.7    | 0.1  | %     | 1.                 |              |      | 08/17/09         |
| Cyanide, Total  | ND      | 1.11 | mg/Kg | 1.                 | ND           | 0.02 | 08/19/09         |

**TILCON-NY****Mt. Hope Quarry**

Fax 973-989-0178

625 Mount Hope Rd. • Wharton, N.J. 07946 • 973-366-7741

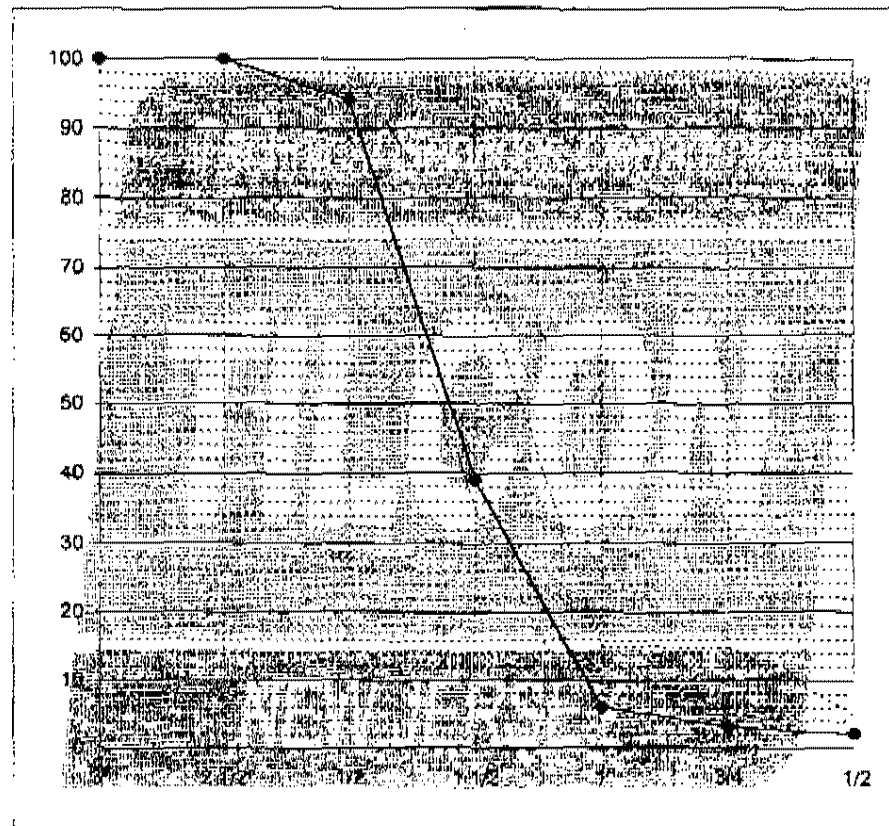
**Typical Gradation, #3 ( 2 1/2" Clean)**

| <b>Project</b> |  |
|----------------|--|
| Main St.       |  |
| Wharton, NJ    |  |

| <b>Contractor</b> |  |
|-------------------|--|
| Dallas            |  |
| Contracting       |  |

|               |             |
|---------------|-------------|
| <b>Sp. Gr</b> | <b>2.68</b> |
| <b>Loose</b>  | <b>95.7</b> |
| <b>Rodded</b> | <b>104</b>  |

|               | <b>Typical</b> | <b>Prod. Target</b> |             |
|---------------|----------------|---------------------|-------------|
|               | <b>% Pass</b>  | <b>Low</b>          | <b>High</b> |
| <b>3"</b>     | <b>100</b>     | <b>100</b>          | <b>100</b>  |
| <b>2 1/2"</b> | <b>100</b>     | <b>100</b>          | <b>100</b>  |
| <b>1/2"</b>   | <b>94</b>      | <b>90</b>           | <b>100</b>  |
| <b>1 1/2"</b> | <b>39</b>      | <b>35</b>           | <b>70</b>   |
| <b>1"</b>     | <b>8</b>       |                     | <b>15</b>   |
| <b>3/4"</b>   | <b>3</b>       |                     | <b>15</b>   |
| <b>1/2"</b>   | <b>2</b>       |                     | <b>5</b>    |



Tilcon Inc confirms that #3 ( 2 1/2" Clean) available at Mt. Hope Quarry conforms to section 901 of the *New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction*. The material is defined as virgin Gneiss mined at Mt. Hope Quarry, 625 Mount Hope Road, Block 20001-Lot 6.01 Wharton Borough, Morris County NJ. The material is identified on the job with Tilcon delivery tickets.

The unit weights and voids are for process control and should be verified by the contractor before use.

**TILCON-NY****Mt. Hope Quarry**

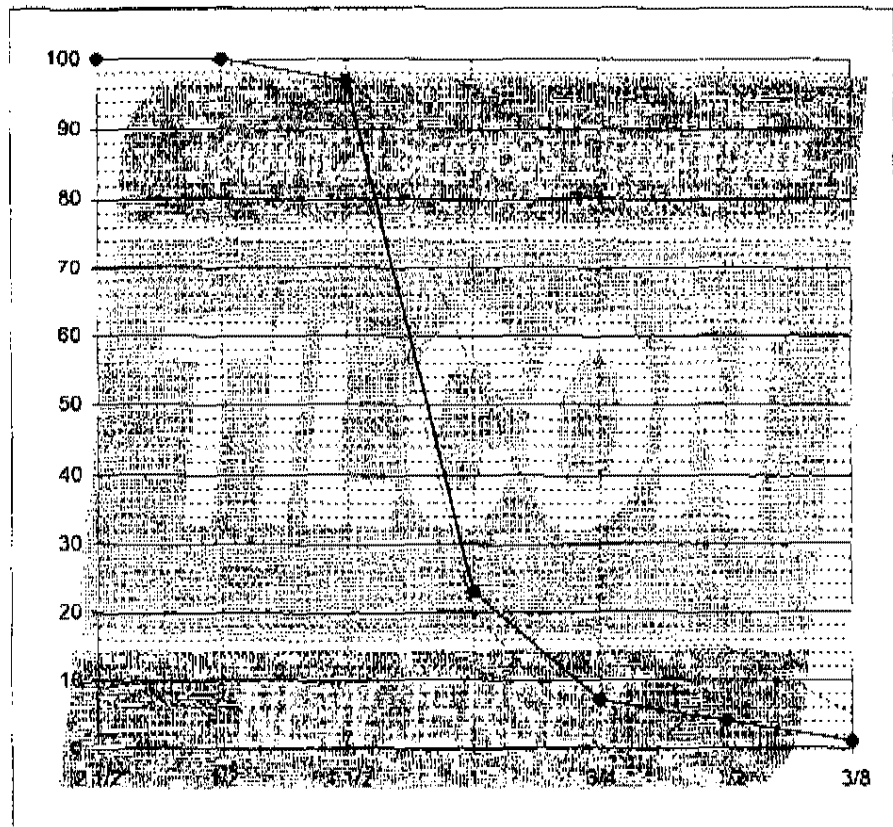
Fax 973-989-0178

625 Mount Hope Rd. • Wharton, N.J. 07946 • 973-366-7741

**Typical Gradation, #4 ( 1 1/2" clean )**

|                         |      |
|-------------------------|------|
| <b>Project</b>          |      |
| Main St.<br>Wharton, NJ |      |
| <b>Contractor</b>       |      |
| Dallas<br>Contracting   |      |
| <b>Sp. Gr</b>           | 2.68 |
| <b>Loose</b>            | 95.7 |
| <b>Rodded</b>           | 104  |

|        | Typical | Prod. Target |      |
|--------|---------|--------------|------|
|        | % Pass  | Low          | High |
| 2 1/2" | 100     | 100          | 100  |
| 1 1/2" | 100     | 100          | 100  |
| 1 1/2" | 97      | 90           | 100  |
| 1"     | 23      | 20           | 55   |
| 3/4"   | 7       |              | 15   |
| 1/2"   | 4       |              | 15   |
| 3/8"   | 1       |              | 5    |



Tilcon Inc confirms that #4 ( 1 1/2" clean ) available at Mt. Hope Quarry conforms to section 901 of the *New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction*. The material is defined as virgin Gneiss mined at Mt. Hope Quarry, 625 Mount Hope Road, Block 20001-Lot 6.01 Wharton Borough, Morris County NJ. The material is identified on the job with Tilcon delivery tickets.

The unit weights and voids are for process control and should be verified by the contractor before use.

**TILCON-NY****Mt. Hope Quarry**

Fax 973-989-0178

625 Mount Hope Rd. - Wharton, N.J. 07946 - 973-366-7741

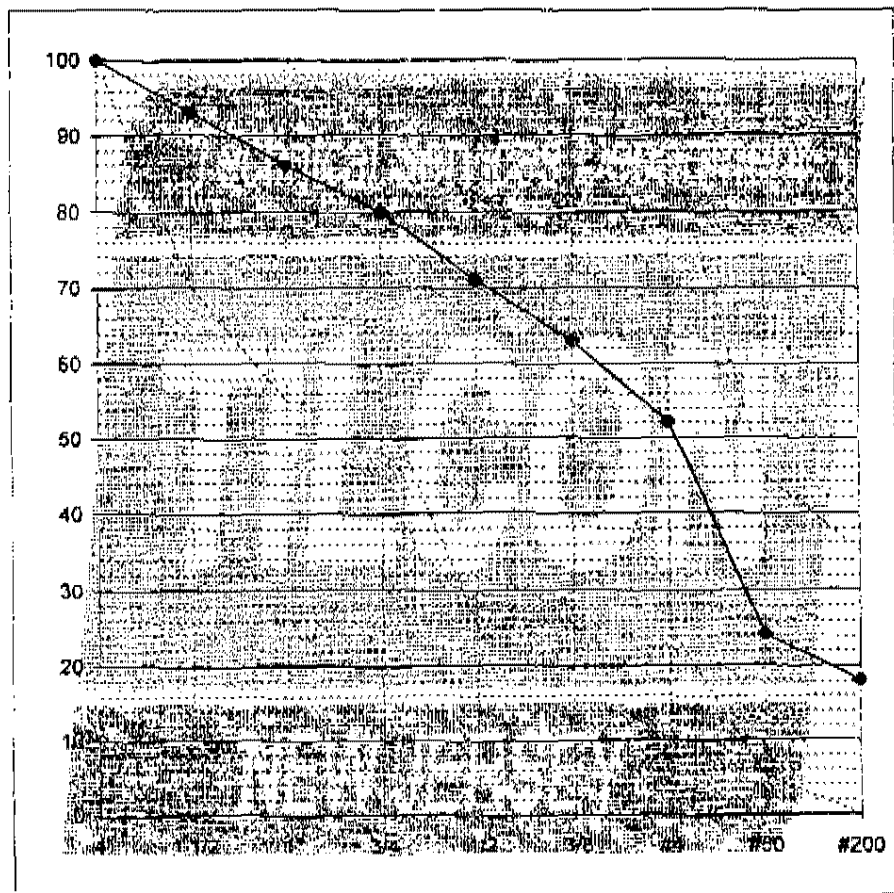
**Typical Gradation, Zone 3**

|                |  |
|----------------|--|
| <b>Project</b> |  |
| Main St        |  |
| Wharton, NJ    |  |

|                   |  |
|-------------------|--|
| <b>Contractor</b> |  |
| Dallas            |  |
| Contracting       |  |

|               |             |
|---------------|-------------|
| <b>Sp. Gr</b> | <b>2.74</b> |
| <b>Loose</b>  | <b>95.7</b> |
| <b>Rodded</b> | <b>104</b>  |

|               | <b>Typical</b> | <b>Prod. Target</b> |             |
|---------------|----------------|---------------------|-------------|
|               | <b>% Pass</b>  | <b>Low</b>          | <b>High</b> |
| <b>4"</b>     | <b>100</b>     | <b>100</b>          | <b>100</b>  |
| <b>1 1/2"</b> | <b>93</b>      | <b>70</b>           | <b>100</b>  |
| <b>1"</b>     | <b>86</b>      | <b>55</b>           | <b>100</b>  |
| <b>3/4"</b>   | <b>80</b>      | <b>55</b>           | <b>90</b>   |
| <b>1/2"</b>   | <b>71</b>      | <b>25</b>           | <b>90</b>   |
| <b>3/8"</b>   | <b>63</b>      | <b>25</b>           | <b>90</b>   |
| <b>#4</b>     | <b>52</b>      | <b>25</b>           | <b>90</b>   |
| <b>#50</b>    | <b>24</b>      | <b>5</b>            | <b>45</b>   |
| <b>#200</b>   | <b>18</b>      |                     | <b>35</b>   |



Tilcon Inc confirms that Zone 3 available at Mt. Hope Quarry conforms to section 901 of the *New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction*. The material is defined as virgin Gneiss mined at Mt. Hope Quarry, 625 Mount Hope Road, Block 20001-Lot 6.01 Wharton Borough, Morris County NJ. The material is identified on the job with Tilcon delivery tickets.

The unit weights and voids are for process control and should be verified by the contractor before use.